

## **Historic, Archive Document**

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# CLEVELAND NATIONAL FOREST ATLAS

## 7½' QUADRANGLE TOPOGRAPHIC MAPS

Reserve  
aG1527  
.C53U5  
2012

United States  
Department of  
Agriculture

### Forest Service

Pacific  
Southwest  
Region

Cleveland  
National  
Forest

R5-RG-214

2012



# LEGEND

## BOUNDARIES

### Federal:

	National Forest
	National Forest Wilderl
	National Recreation Ar
	National Protected Are
	Ranger District
	Native Land or tract
	Military
	FS/Purchase Unit/Adm

### Other:

	Protected Area
	Recreation Area
	County
	City/Town

## ROADS

	Primary Highway
	Paved Road
	Gravel Road
	Dirt Road
	Unimproved Road
	4 Wheel Drive Road
	Interstate
	State
	County
	Primary Forest
	Forest

## TRAILS

	National Recreation Trail
	Trail

## MISCELLANEOUS

	Pipe - Above/Under Ground
	Levee
	Tunnel
	Transmission Line
	Railway
	Airport - Paved
	Airport/Airstrip - Unpaved

United States  
Department of  
Agriculture

National Agricultural Library

Lava

## WATER FEATURES

	Perennial
	Intermittent
	Inundated
	Dry Lake
	Streams - Perennial
	Streams - Intermittent
	Elevated Pipe/Aqueduct
	Swamp/Marsh

## TOPOGRAPHIC FEATURES

(Elevation in feet)

	Index Contour
	Intermediate Contour
	Spot Elevation
	Benchmark

## SURVEYS

Township/Range Lines:

	Reliable
	Approximate
	Doubtful
	Protracted
	Other Surveys

Section Lines:

	Reliable
	Approximate
	Doubtful
	Protracted
	Other Surveys
	Section Corners Found

	Information
	Nature Viewing Area
	Lookout Tower - Recreation/Administrative
	Hospital
	Airport, Landing Strip
	Helipoint
	Helipad
	Forest Headquarters
	Ranger District Office
	Fire Station/Other Facility
	School
	Church
	Tank
	Pit, Mine
	Prospects
	Building
	Spring
	Road Barrier
	Gate - Permanent
	Gate - Seasonal
	Cemetery
	Well
	Waterfall

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Revised and Printed 2012



COVER PHOTO: View of Pacific Crest Trail climbing Laguna Mountain

Photo By: Bianca Handley

PRODUCTION: Produced by USDA Forest Service, Pacific Southwest Region, Geospatial Services with the Cleveland National Forest. Data was compiled from Cartographic Feature Files, 30 meter Digital Elevation Models and the Forest Visitor Map. This atlas was produced using ArcINFO™ and Adobe® Illustrator®.



# REFERENCIAS

## LIMITES

### Federal:

	Bosque Nacional
	Área Silvestre Bosque Nacional
	Área Nacional de Recreo
	Área Nacional Protejida
	Distrito del Guardabosques
	Tierra o Zona Indígena
	Militar
	Servicio Forestal/Unidad de Compra/ Unidad Administrativa

### Otros:

	Área Protejida
	Área de Recreo
	Condado
	Ciudad

## CARRETERAS

	Carretera Principal
	Ruta Pavimentada
	Ruta Mejorada, Grava
	Ruta Mejorada, Tierra
	Ruta no Mantenida Para Vehículos
	Carretera para Doble Tracción
	Carretera Interestatal
	Carretera Estatal
	Carretera de Condado
	Ruta Forestal Principal
	Ruta Forestal Secundaria

## SENDEROS

	Sendero de Recreación Nacional
	Sendero

## VARIOS

	Tubería - Sobre/Bajo Tierra
	Dique
	Túnel
	Línea de Transmission
	Línea Ferroviaria
	Aeropuerto - Pavimentado
	Aeropuerto/Pista de Aterrizaje - Sin Pavimento

## AREAS

	Bosque Nacional Cleveland
	Bosque Nacional Adyacente
	Terrenos Ajenos al Servicio Forestal
	Área Urbana
	Arena
	Corral/Forraje
	Terracería
	Mina y Rocas
	Lava

## CHARACTERISTICAS AQUATICAS

	Perenne
	Intermitente
	Inundada
	Lago Seco
	Riachuelos - Perennes
	Riachuelos - Intermitentes
	Tubería Elevada/Acueducto
	Pantano

## CHARACTERISTICAS TOPOGRAFICAS

### (Elevación en pies)

	Contorno Indicador
	Contorno Intermedio
	Punto de Elevación
	Estación de Control Horizontal

## ESTUDIOS

### Líneas de Municipio/Dominio:

	Confiable
	Aproximado
	Dudoso
	Medido
	Otros Estudios

### Líneas de Secciones:

	Confiable
	Aproximado
	Dudoso
	Medido
	Otros Estudios
	+ Esquinas de Secciones Encontradas

## SIMBOLOS

	Área de Picnic - Servicio Forestal/Otro
	Sitio para Acampar - Servicio Forestal/Otro/Grupales
	Sitio para Acampar Sin Servicios - Servicio Forestal/Otro
	Punto de Interés
	Inicio de Sendero
	Estacionamiento
	Lanzamiento de Lanchas
	Centro de Información al Visitante
	Área para Ver la Naturaleza
	Torre de Control - de Recreo/Administrativa
	Hospital
	Aeropuerto, Pista de Aterrizaje
	Helipuerto
	Helipuerto
	Oficina Principal del Bosque
	Oficina del Guardabosques
	Servicios de Incendios/Otras Facilidades
	Escuela
	Iglesia
	Depósito de Agua
	Cantera, Mina
	Área de Estudio para Minas
	Edificio
	Manantial
	Barrera de Carretera
	Portón
	Cementerio
	Pozo
	Catarata

El Departamento de Agricultura de los EE.UU. (USDA, siglas en inglés) prohíbe la discriminación en todos sus programas y actividades a base de raza, color, origen nacional, género, religión, edad, impedimentos, credo político, orientación sexual, estado civil o familiar. (No todas las bases de prohibición aplican a todos los programas.) Personas con impedimentos que requieran medios alternativos de comunicación para obtener información acerca de los programas (Braille, tipografía agrandada, cintas de audio, etc.) deben ponerse en contacto con el Centro TARGET de USDA, llamando al (202) 720-2600 (voz y TDD).

Para presentar una queja sobre discriminación, escriba a USDA, Director, Office of Civil Rights, Room 326-W, White Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410, o llame al (202) 720-5964 (voz y TDD). USDA es un proveedor y empleador que ofrece oportunidad igual a todos.

Revisado y Reimpreso 2012



CUBRA FOTO: La vista de Rastro pacífico de Cresta que sube Montaña de Launa.

La foto por: Bianca Handley

PRODUCCION: Producido por DAEU Servicio Forestal, Región Pacífico-Sudeste, Geospatial Atiende a con el Bosque Nacional Cleveland. Datos compilados de Cartographic Feature Files, Modelos de Elevación Digital 30 metros y el Mapa del Visitante Forestal. Este atlas fue producido usando ArcINFO™ y Adobe® Illustrator®.

# Welcome to the Forest

Visiting your National Forest backcountry can be the experience of a lifetime. The beauty and tranquility of these areas may bring you back again and again. Whether you're an experienced user or a novice, a few simple precautions can ensure a safe and pleasurable trip.

## Plan Your Trip

Plan your trip from start to finish at home. Use a forest recreation map, topographic maps and trail guides.

- Check forest use restriction level on the web or call (619) 593-2183.
- Get advice from experienced backcountry travelers.
- Allow plenty of time for driving mountain roads and hiking over rugged terrain.
- Before leaving home, leave your itinerary with a relative or friend. Write a full account of who is going, where you are going, when you will be back, and where you plan to stay each night.
- A good rule of thumb is: a hiker walks 2 miles per hour on level ground, 3 miles per hour downhill, and 1 mile per hour uphill.
- Buddy Up. If you are hiking, backpacking, or exploring at any time of year, take someone with you and make sure someone else knows your travel plans.

## Check Local Conditions

Sudden storms are common in the summer, especially in the afternoon and evening. During lightning storms, stay off ridges, and away from open meadows and isolated trees. To find out about current conditions such as flash flood warnings, slippery roads or high fire danger call or stop by the Ranger Station (Open 8:00am to 4:30pm - Monday through Friday) for the area you plan to visit.

## A Message About Fire

Regulations require that all National Forest visitors who build, maintain, or use a campfire, camp stove, or barbeque outside of developed campgrounds must have a campfire permit, available free of charge. Remember, you must carefully follow the terms stated on your Campfire Permit to prevent your campfire or barbeque from escaping.

The dry, hot California summers often bring high fire danger and the need to enact fire restrictions on National Forest land. Suspension of Campfire Permits and prohibition of all campfires and barbeques outside developed campgrounds may occur. These restrictions may include:

- Restricting the use of open campfires to within developed recreation sites.
- Limiting smoking to enclosed vehicles or buildings, or to developed recreation sites.
- Not allowing the operation of internal combustion engines off established roads or designated trails.
- In the case of extreme fire danger, specific areas of the National Forest may be closed to public entry.

For information on possible fire restrictions, check with the nearest Forest Service, California Department of Forestry, or Bureau of Land Management office for the area you are visiting.

### NO FIREWORKS

It is illegal to possess, discharge, or ignite fireworks, firecrackers, rockets, or other fireworks or explosives within the National Forest. No fireworks of any kind are permitted in the Cleveland National Forest.

Report all wildfires by calling 911.



# Getting Around On Cleveland National Forest Roads

## ROADS SUITABLE FOR PASSENGER CARS

Standard routes are suitable for passenger cars, but may not be as smooth or as well maintained as County roads. Vehicles that are not licensed for use on the streets and highways may not be operated on Standard or Service roads except when specifically authorized.



## ROADS NOT SUITABLE FOR PASSENGER CARS



Service roads receive only minimal maintenance. These roads either are not shown on the Forest Service map or are shown by dashed parallel lines. These roads are rarely suited for passenger car travel. If you choose to travel minimally maintained roads, you may find rocks, downed trees, road washouts, and brush encroaching on the roadway. Drive slowly and carry equipment such as an axe, shovel, gloves, and fuel.

Many of these roads are closed during winter and wet weather. Even where they are not closed, please DO NOT drive on these roads in wet weather because you will leave wheel ruts. Some route markers may be missing, watch for changes in road conditions. Check with the local Forest Service Office for specific travel information.

## CLOSED ROADS

Forest roads are sometimes closed during winter to prevent the rutting of soft roadbeds during and following wet weather, to reduce disturbances to wildlife during nesting season and other critical periods, to ensure public safety, or because of high fire danger. Sometimes road use is restricted because of maintenance and other reasons.

## RULES OF THE ROAD

Safe driving in the National Forest requires alertness. The forest road system is different from streets and highways. Road conditions vary dramatically and roads are used by a variety of travelers. Licensed high clearance vehicles, logging trucks, recreation vehicles, horseback riders, mountain bikes and hikers are common sights on back roads of the Forest. National Forest route signs use white numbers on a brown background, and are posted at road intersections. Most National Forest roads are one-lane dirt roads with turnouts for passing oncoming traffic and are not maintained for passenger cars. Use these descriptions to plan an enjoyable trip best suited for your vehicle and driving experience.

## WINTER VEHICLE TRAVEL

Snow conditions result in closure of most Cleveland National Forest Service roads. Winter travelers should carry tire chains at all times and be prepared to spend long periods of time in the car. Carry blankets or sleeping bags, warm clothes, water, food and other necessities, a snow shovel, and travel with a full tank of gas.

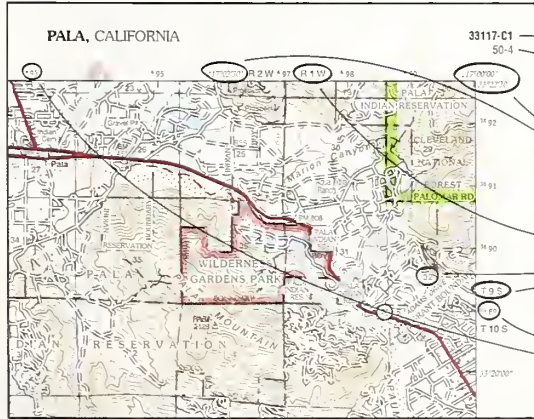
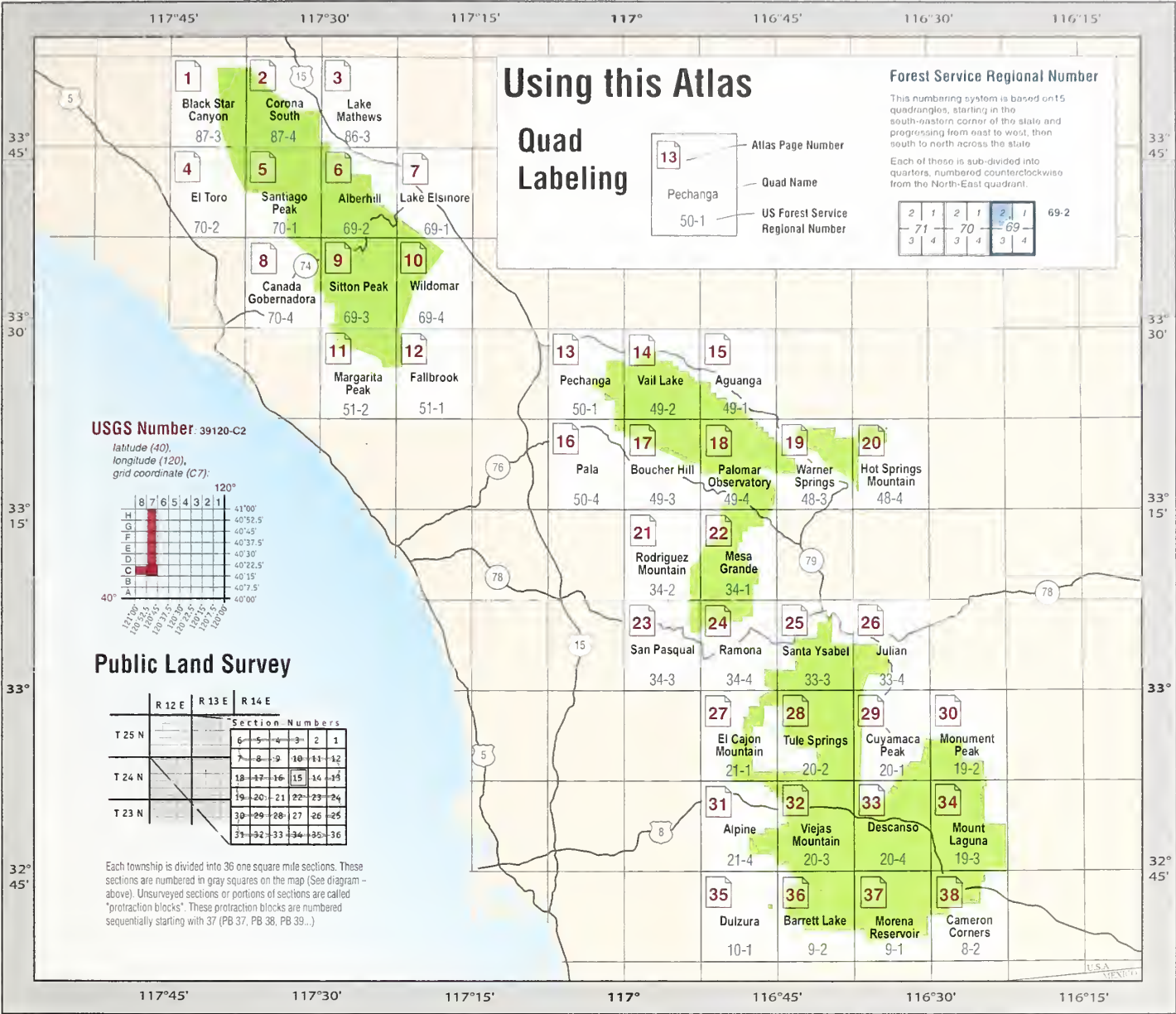
## TREAD LIGHTLY

Tread Lightly is a practice that allows you to enjoy the National Forest without changing or damaging it. It is a willingness to assume responsibility to care for the land and respect the rights of those you meet along the way and those who follow you. The five basic principles of the "Tread Lightly" program are to:

- Travel only where permitted.
- Respect the rights of others.
- Educate yourself.
- Avoid streams, meadows, and wildlife.
- Drive and travel responsibly.



# Cleveland National Forest



**COORDINATES**

USGS Number  
FS Regional Number

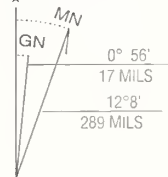
Latitude and Longitude:  
corners  
2'30" ticks

Public Land Survey  
Range  
Section  
Township

UTM (Zone 10)  
Northings (±63 000 meters North)  
Eastings (±18 000 meters East)

## North, Grid North & Magnetic North

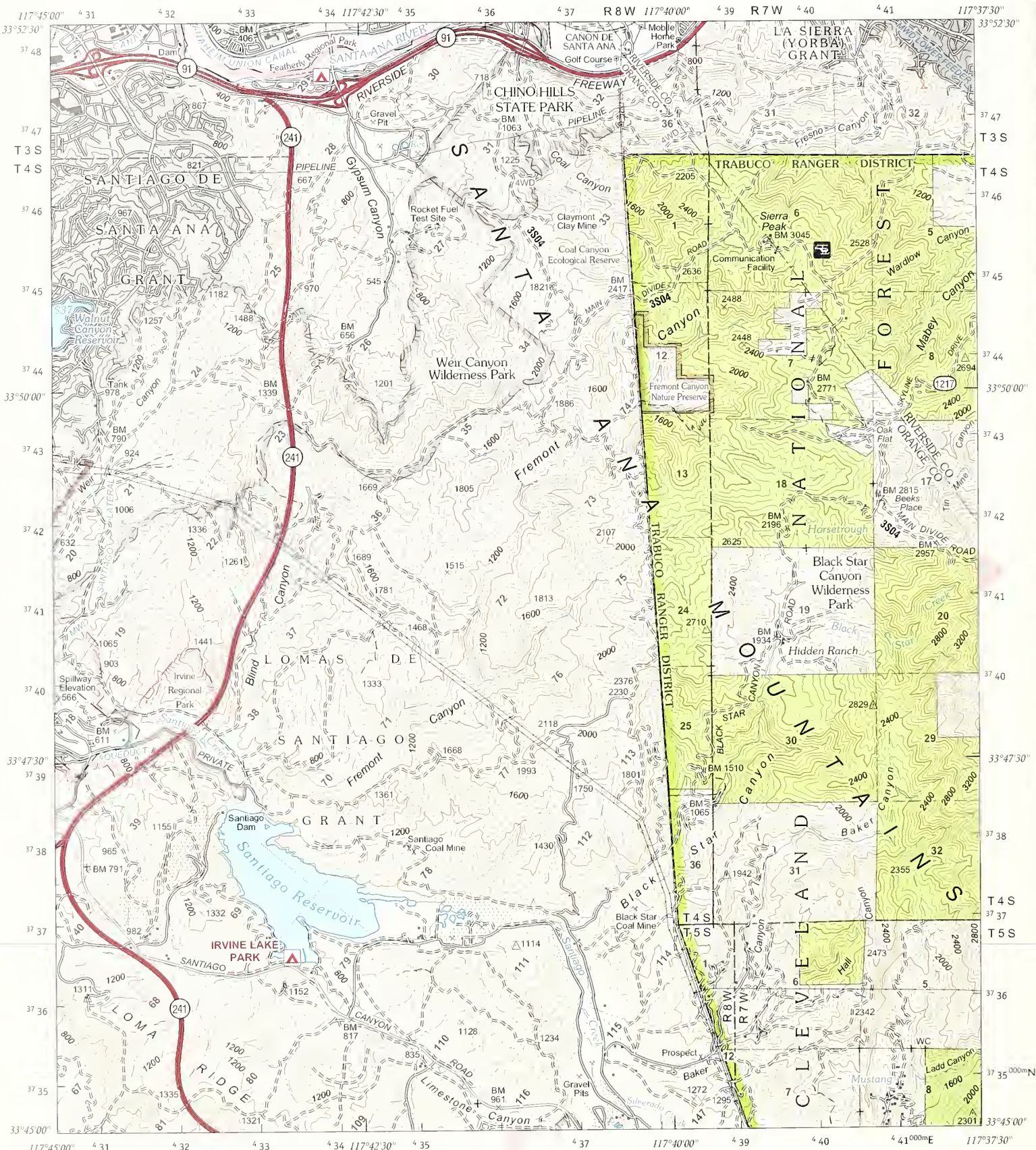
UTM grid north (GN)  
2012 magnetic north (MN)  
Declination at center of sheet



Local declination from north is shown at the bottom of each map. For more information on magnetic declination see: [www.ngdc.noaa.gov](http://www.ngdc.noaa.gov) and click on geomagnetism.

MILS: US Military Mils, 6400mils in a full circle

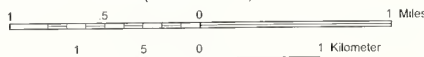




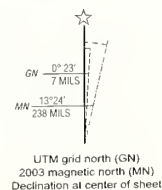
Yorba Linda	Prado Dam	Corona North
Orange	Black Star Canyon	Corona South
Tustin	El Toro	Santiago Peak

Scale 1:63,360

(1 inch to the mile)



Contour Interval 80 Feet

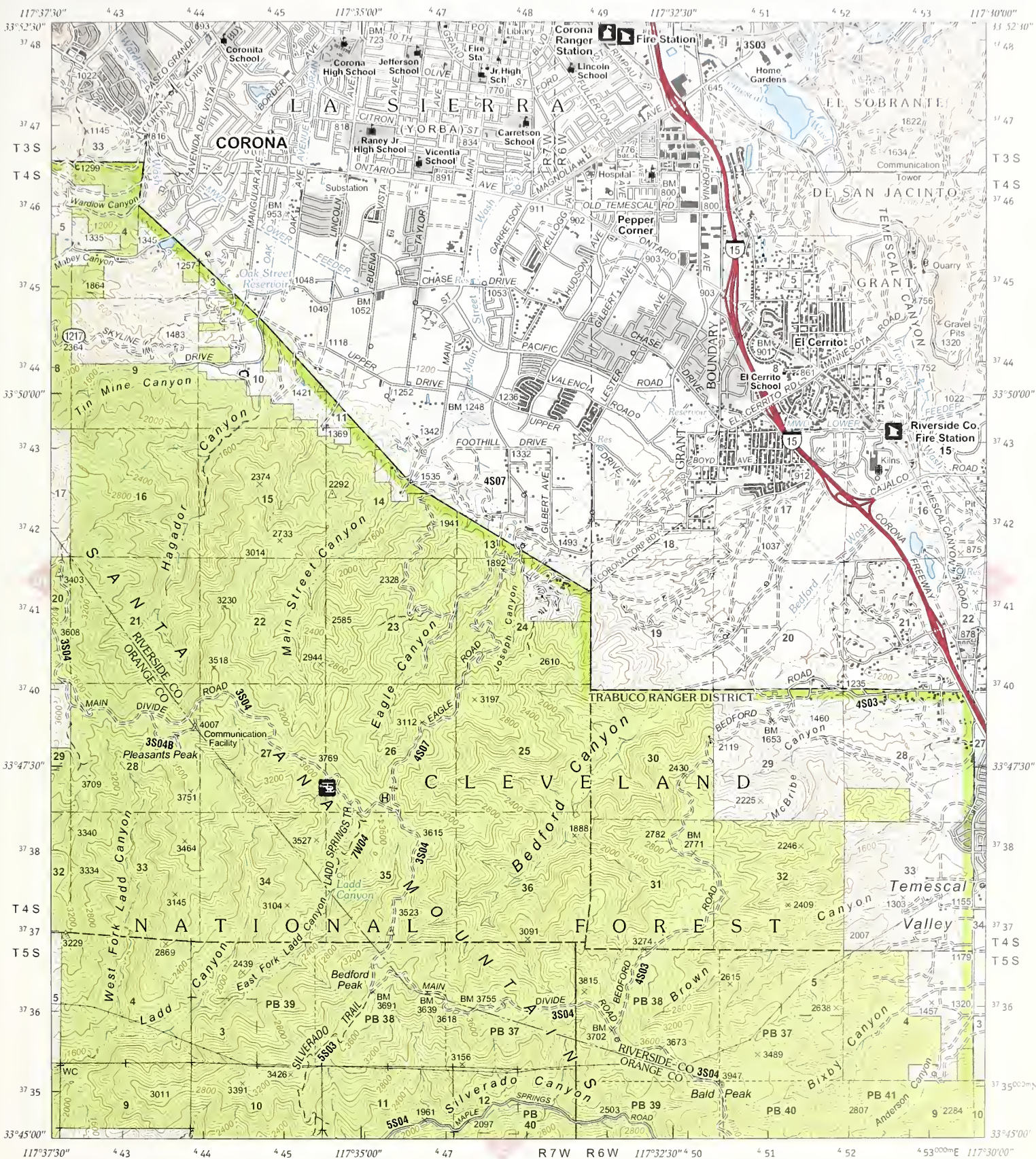


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

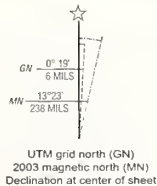




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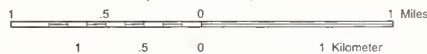
North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).



Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

Prado Dam	Corona North	Riverside West
Black Star Canyon	Corona South	Lake Mathews
El Toro	Santiago Peak	Alberhill

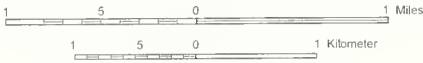




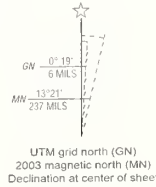
Corona North	Riverside West	Riverside East
Corona South	Lake Mathews	Sleele Peak
Santiago Peak	Alberhill	Lake Elsinore

Scale 1:63,360

(1 inch to the mile)

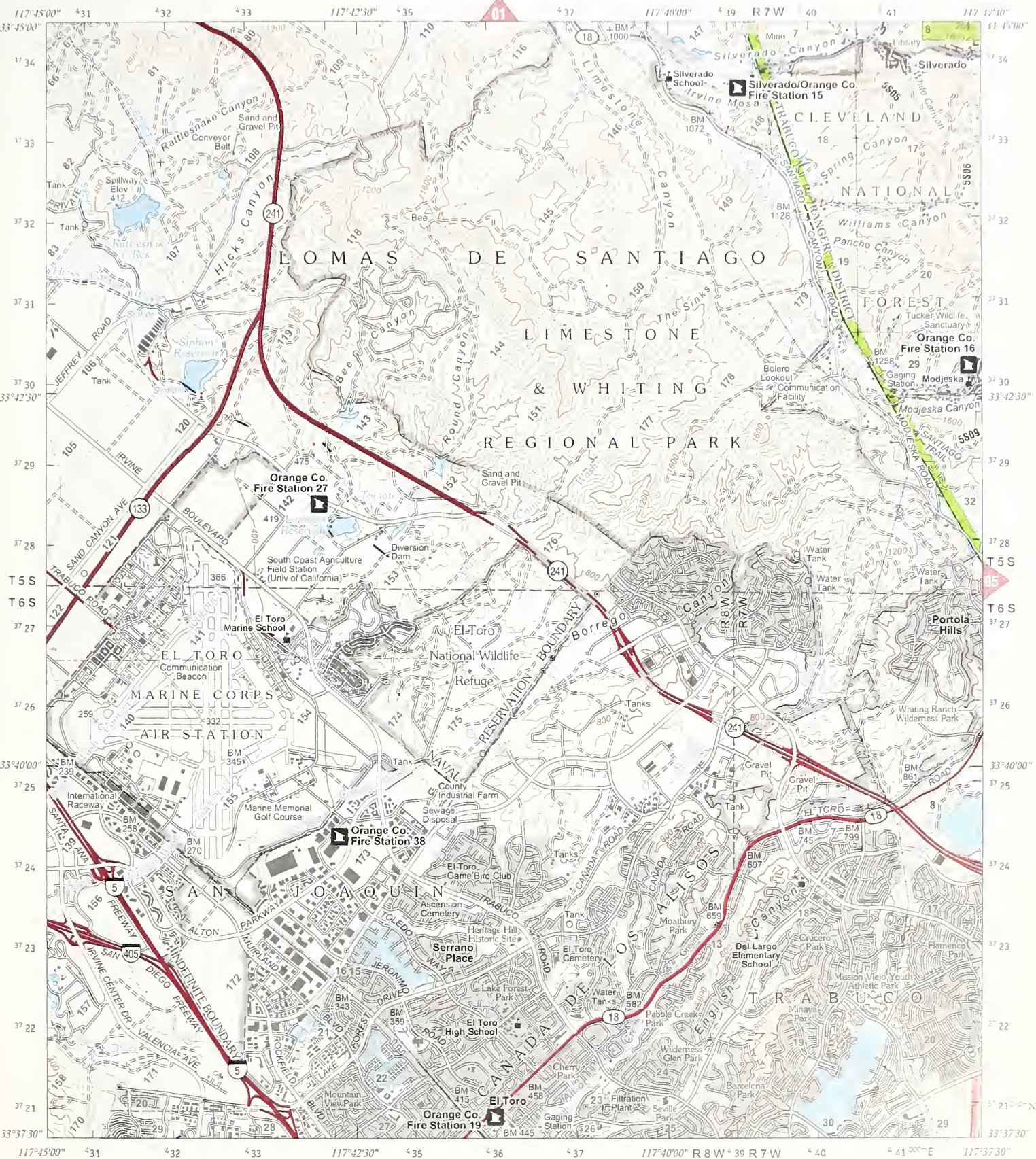


Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
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Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

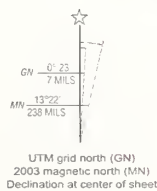




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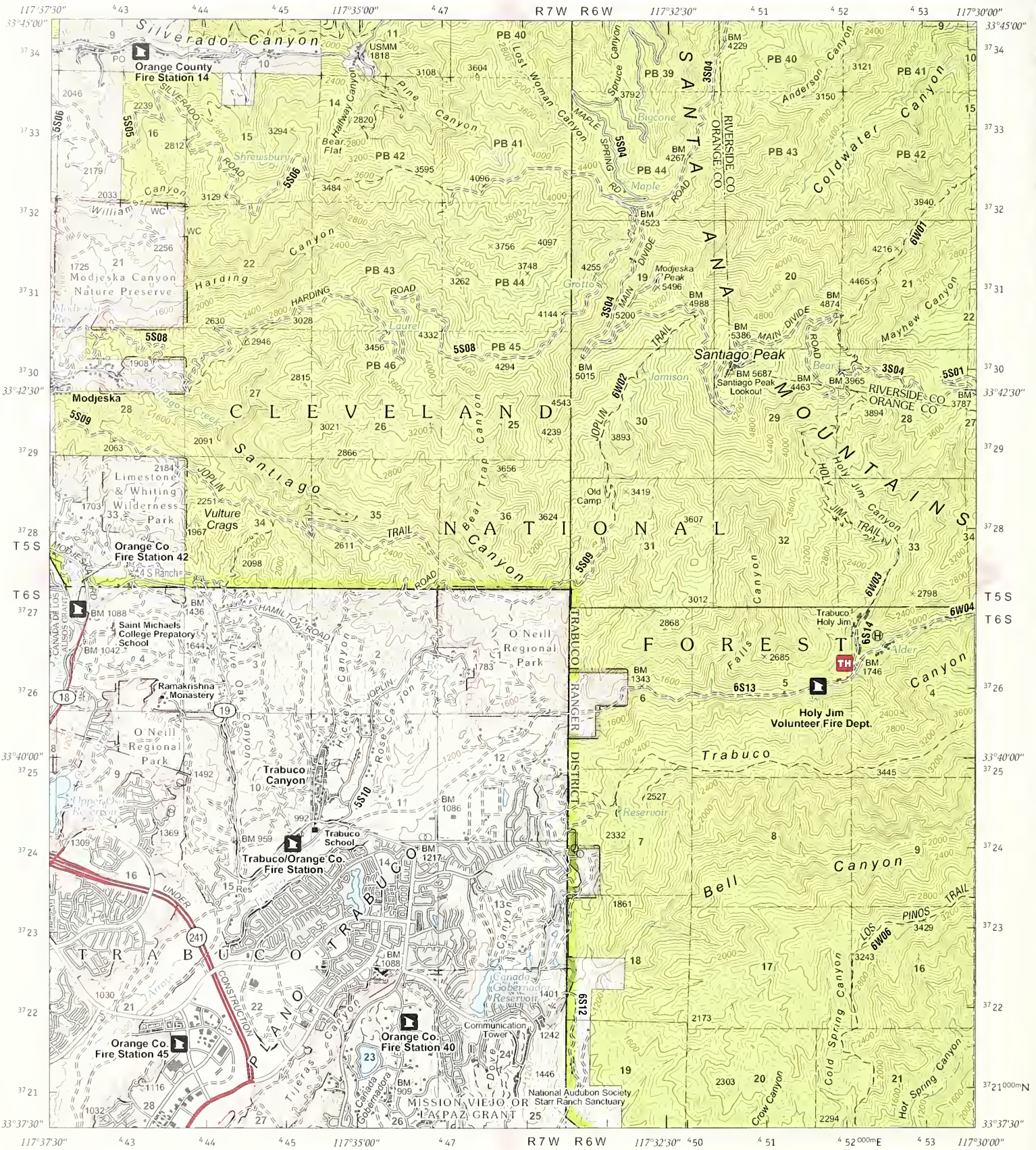
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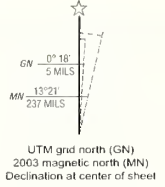
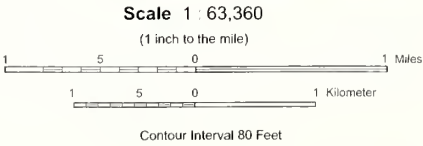
Contour Interval 80 Feet

Orange	Black Star Canyon	Corona South
Tustin	El Toro	Santiago Peak
Laguna Beach	San Juan Capistrano	Canada Gobernadora





Black Star Canyon	Corona South	Lake Mathews
El Toro	Santiago Peak	Alberhill
San Juan Capistrano	Canada Gobernadora	Sitton Peak

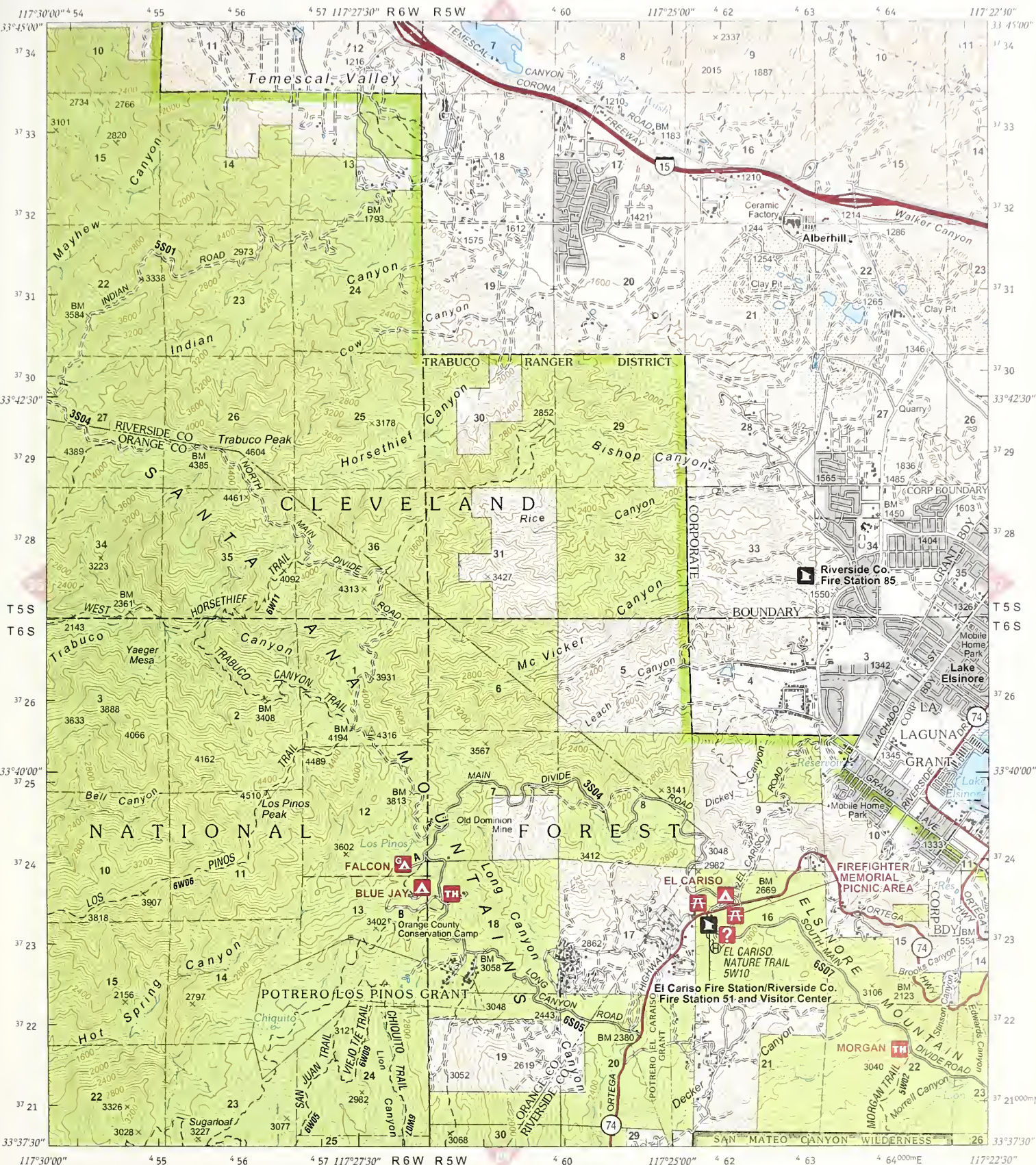


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North American Datum of 1927 (NAD 27)

Projection: California State Plane, Zone 6 (Lambert Conformal Conic)





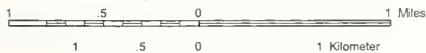
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Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

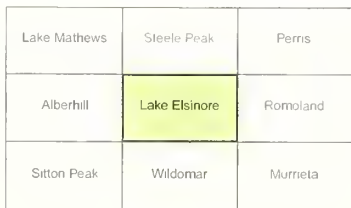
Scale 1:63,360  
(1 inch to the mile)



Contour Interval 80 Feet

Corona South	Lake Mathews	Steele Peak
Santiago Peak	Alberhill	Lake Elsinore
Canada Gobernadora	Sitton Peak	Wildomar

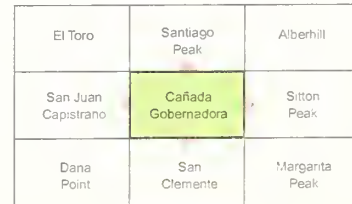




UTM grid north (GN)  
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Declination at center of sheet

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Zone 6 (Lambert Conformal Conic).

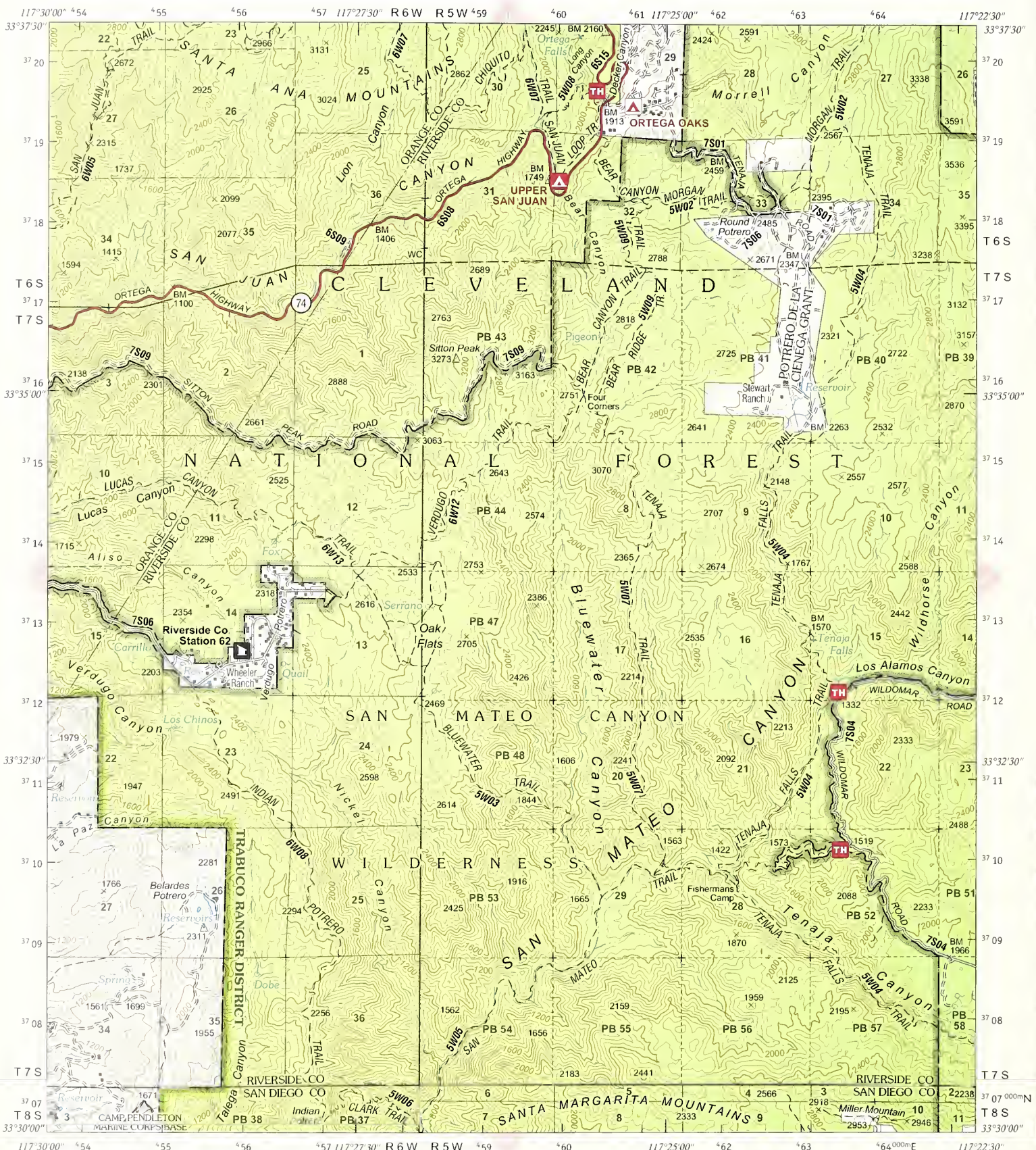




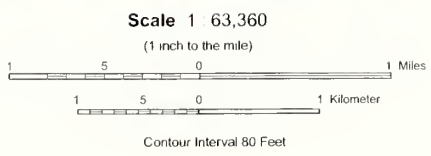


# SITTON PEAK, CALIFORNIA

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE



Santiago Peak	Alberhill	Lake Elsnore
Cañada Gobernadora	Sitton Peak	Wildomar
San Clemente	Margarita Peak	Fallbrook



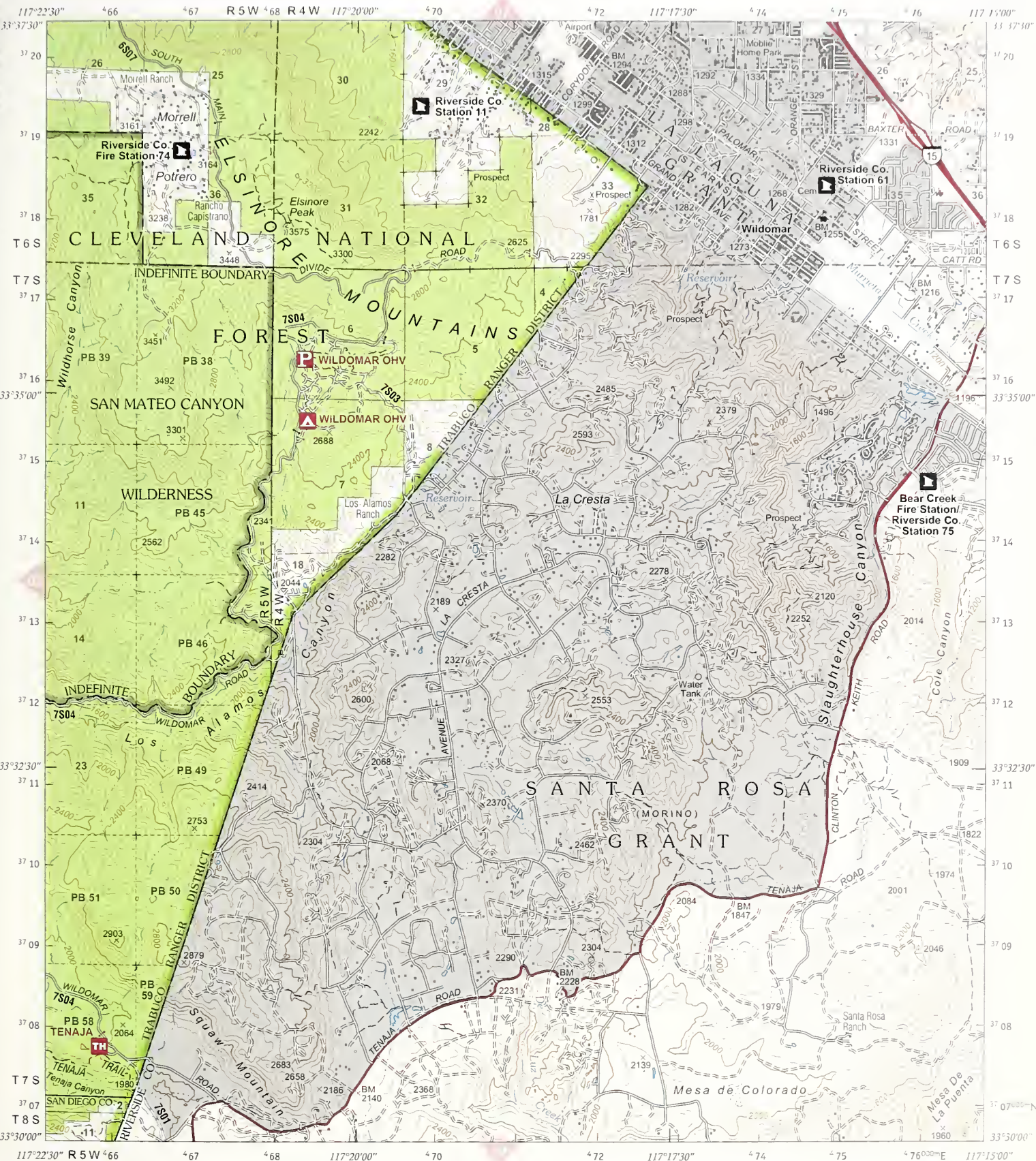
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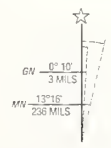




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UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

Scale 1 : 63,360

(1 inch to the mile)

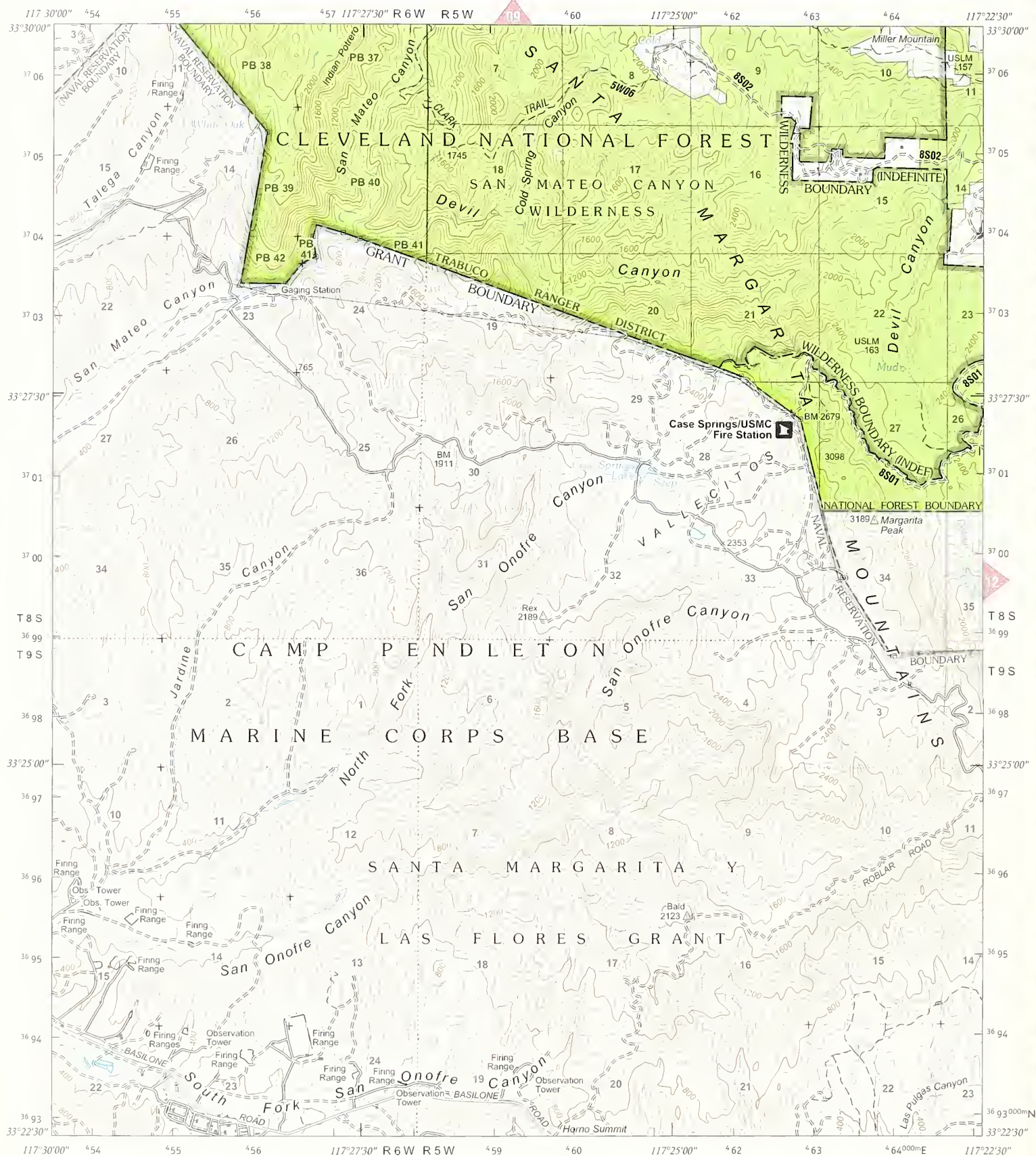
1 5 0 1 Miles

1 5 0 1 Kilometer

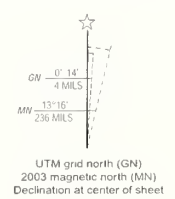
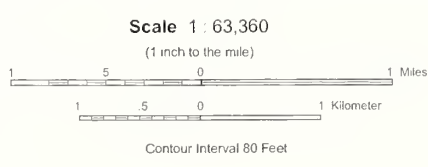
Contour Interval 80 Feet

Alberhill	Lake Elsinore	Romoland
Sitton Peak	Wildomar	Murietta
Margarita Peak	Fallbrook	Temecula





Cañada Gobernadora	Stiton Peak	Wildomar
San Clemente	Margarita Peak	Fallbrook
San Onofre Bluff	Las Pulgas Canyon	Morro Hill

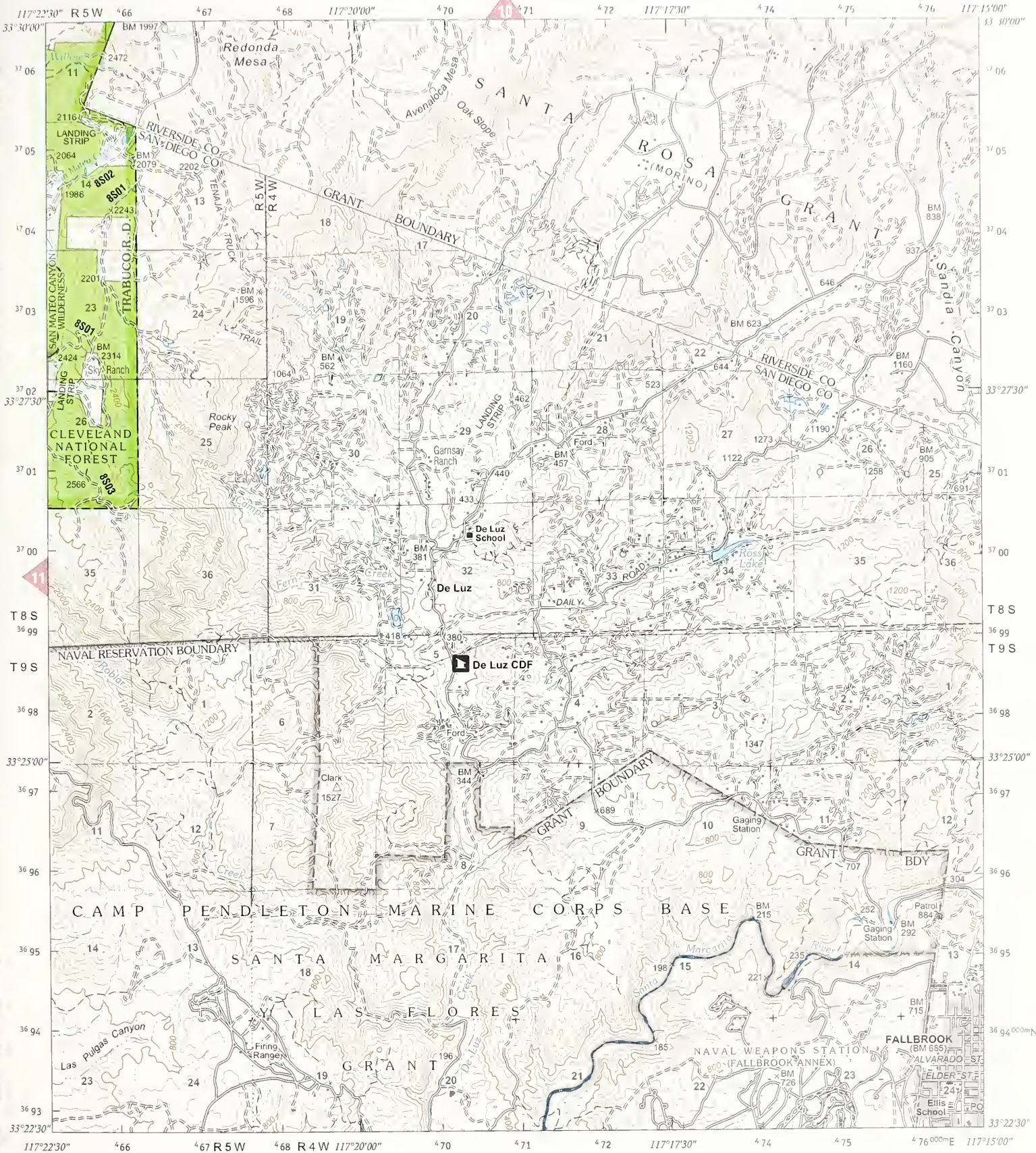


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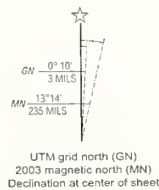




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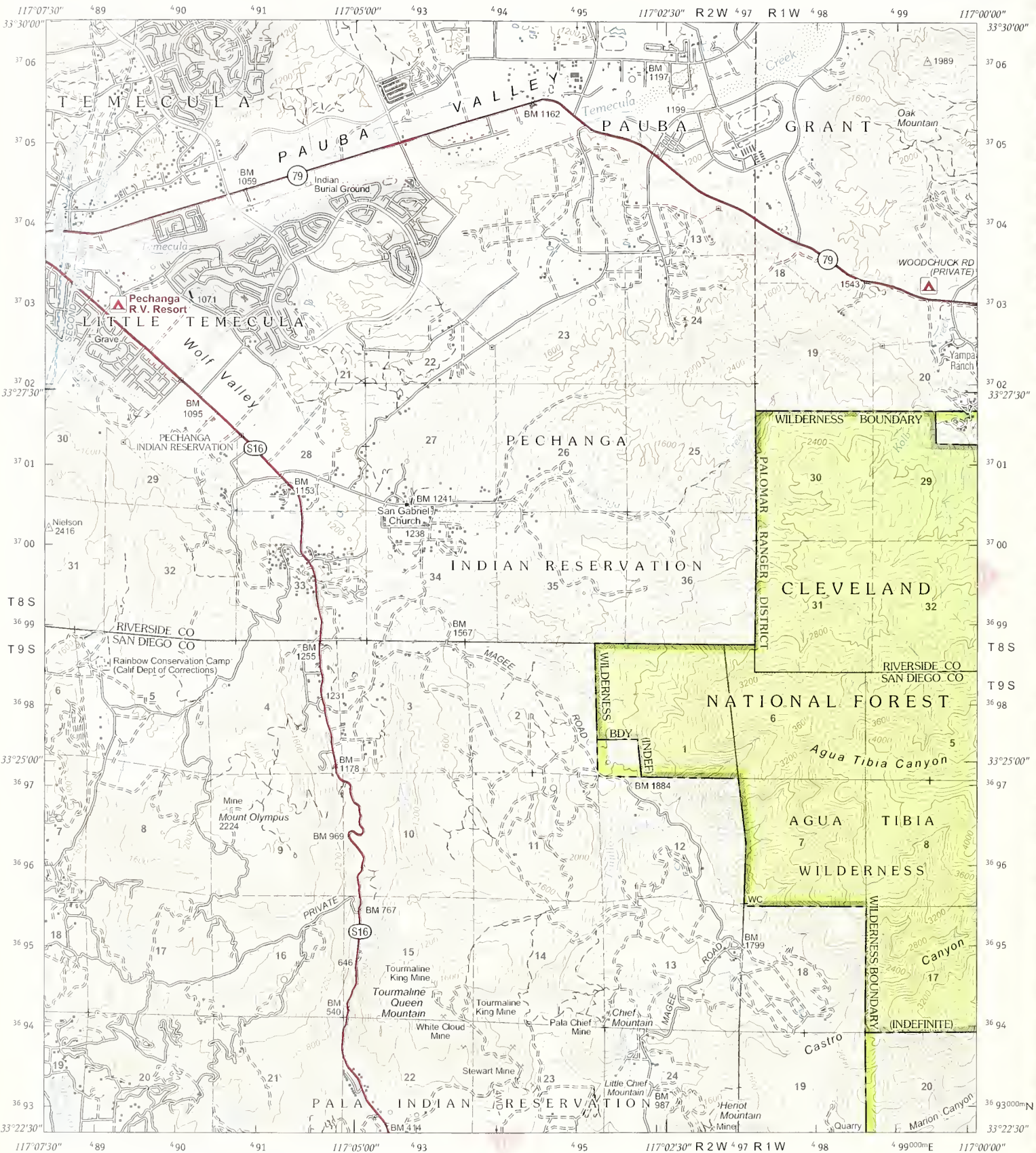
(1 inch to the mile)



Contour Interval 80 Feet

Sitton Peak	Wildomar	Murrieta
Margarita Peak	Fallbrook	Temecula
Las Pulgas Canyon	Morro Hill	Bonsall



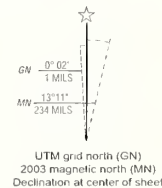


Murrieta	Bachelor Mountain	Sage
Temecula	<b>Pechanga</b>	Vail Lake
Bonsall	Pala	Boucher Hill

Scale 1 : 63,360  
(1 inch to the mile)

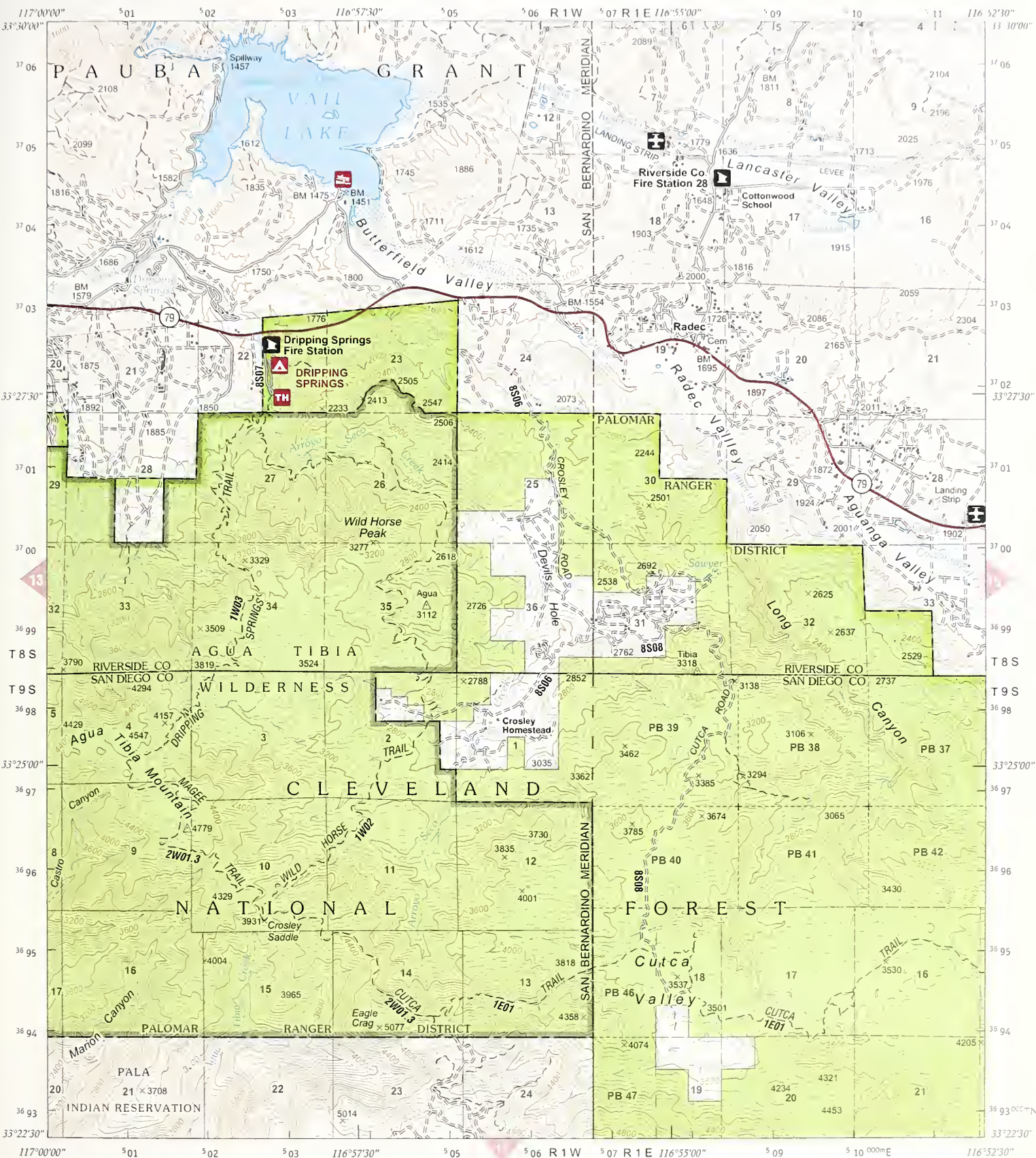


Contour Interval 80 Feet



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North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

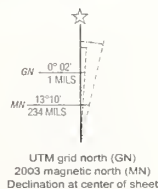




Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

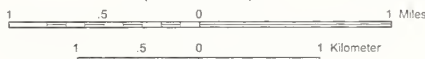
North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).



Scale 1:63,360

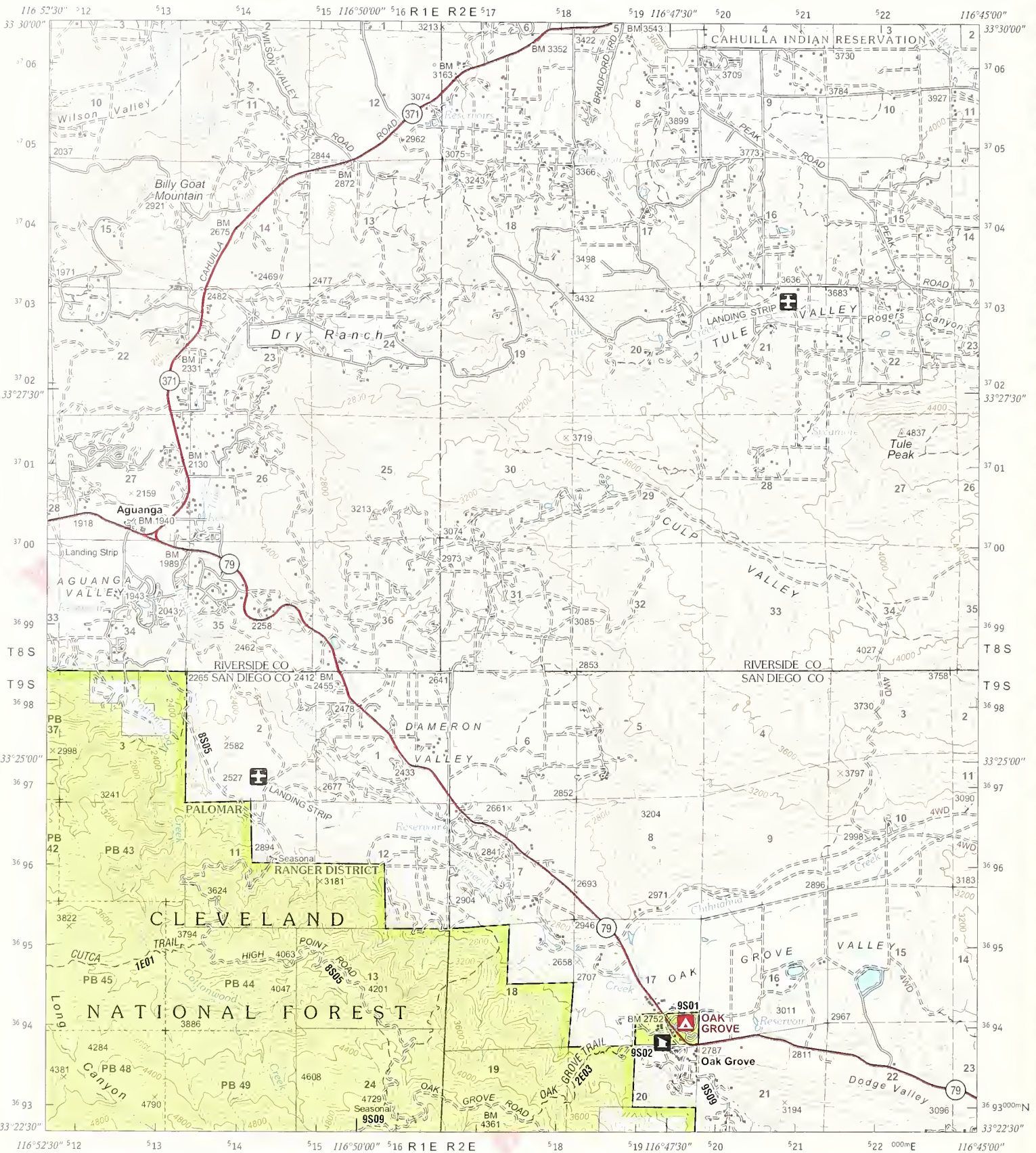
(1 inch to the mile)



Contour Interval 80 Feet

Bachelor Mountain	Sage	Cahuilla Mountain
Pechanga	Vail Lake	Agua Tibia
Pala	Boucher Hill	Palomar Observatory





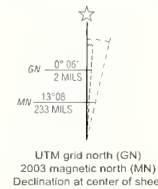
Sage	Cahuilla Mountain	Anza
Vail Lake	Aguanga	Beauty Mountain
Boucher Hill	Palomar Observatory	Warner Springs

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

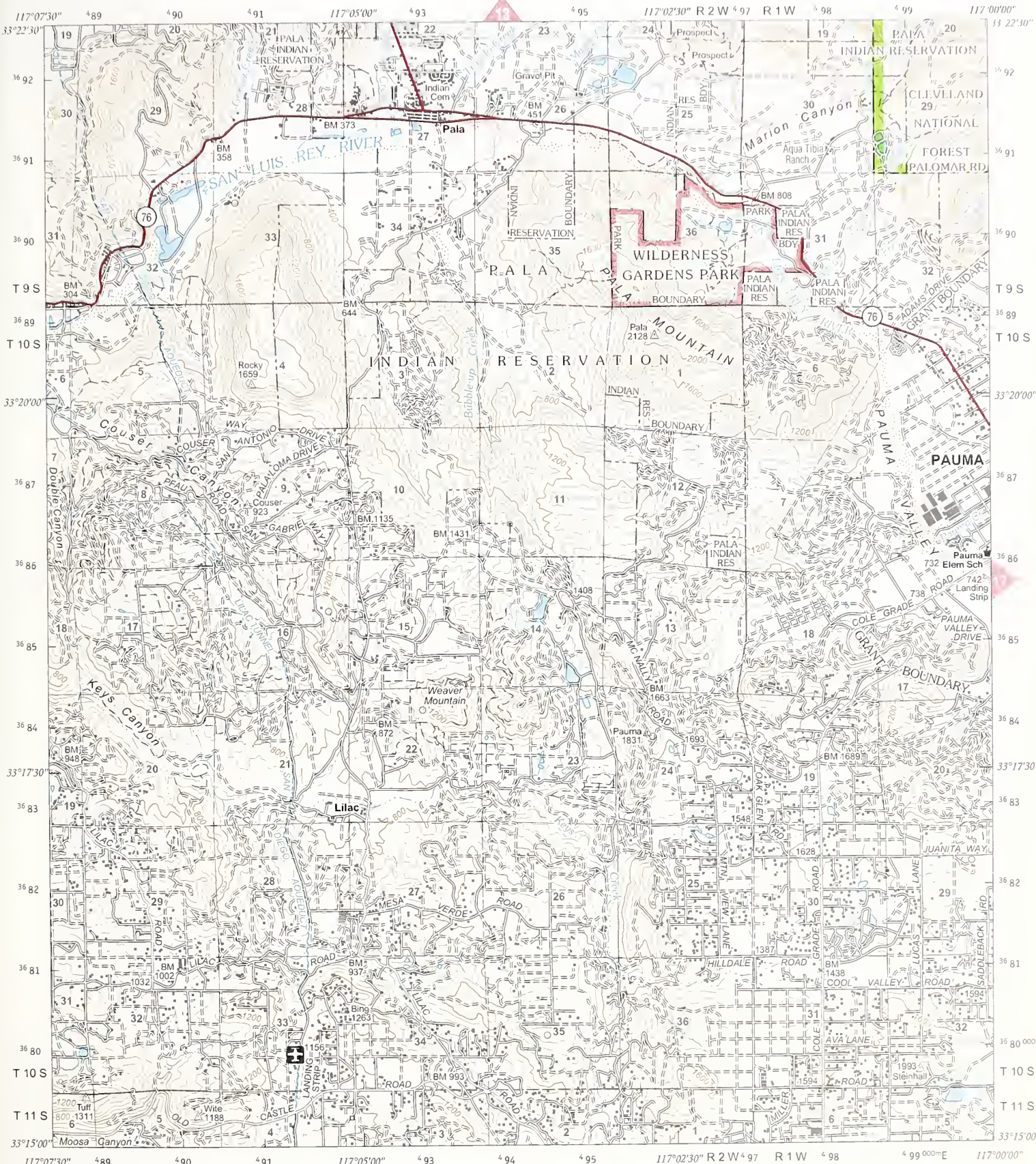


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).





Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

GN 0° 02' 1 MILS  
MN 13° 10' 234 MILS  
UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

Scale 1 : 63,360

(1 inch to the mile)



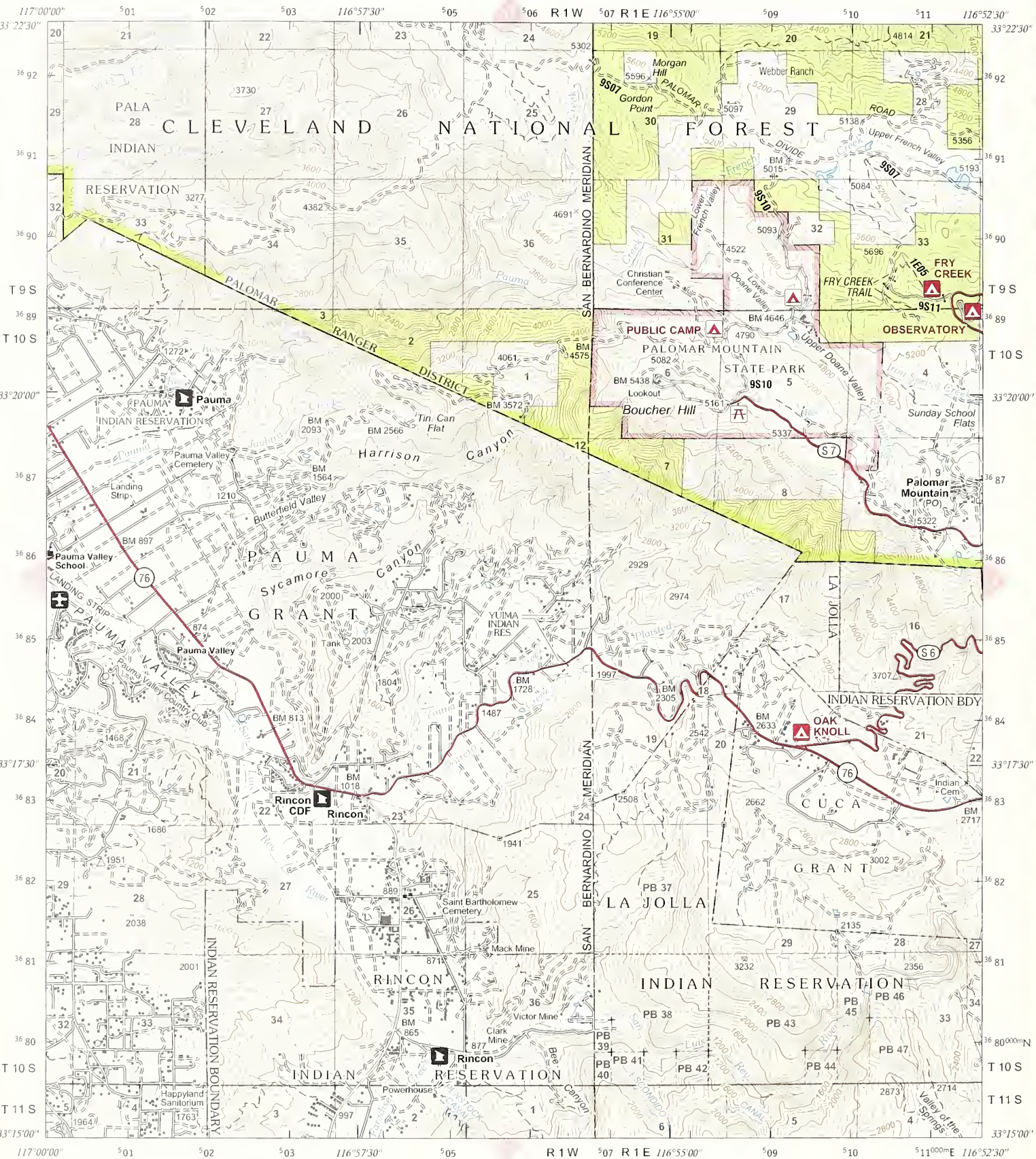
Contour Interval 80 Feet

Temecula	Pechanga	Vail Lake
Bonsall	Pala	Boucher Hill
San Marcos	Valley Center	Rodriguez Mountain



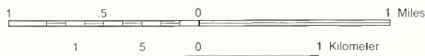
BOUCHER HILL, CALIFORNIA

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

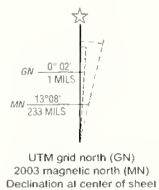


Pechanga	Vail Lake	Aguanga
Pala	Boucher Hill	Palomar Observatory
Valley Center	Rodriguez Mountain	Mesa Grande

Scale 1:63,360  
(1 inch to the mile)



Contour Interval 80 Feet

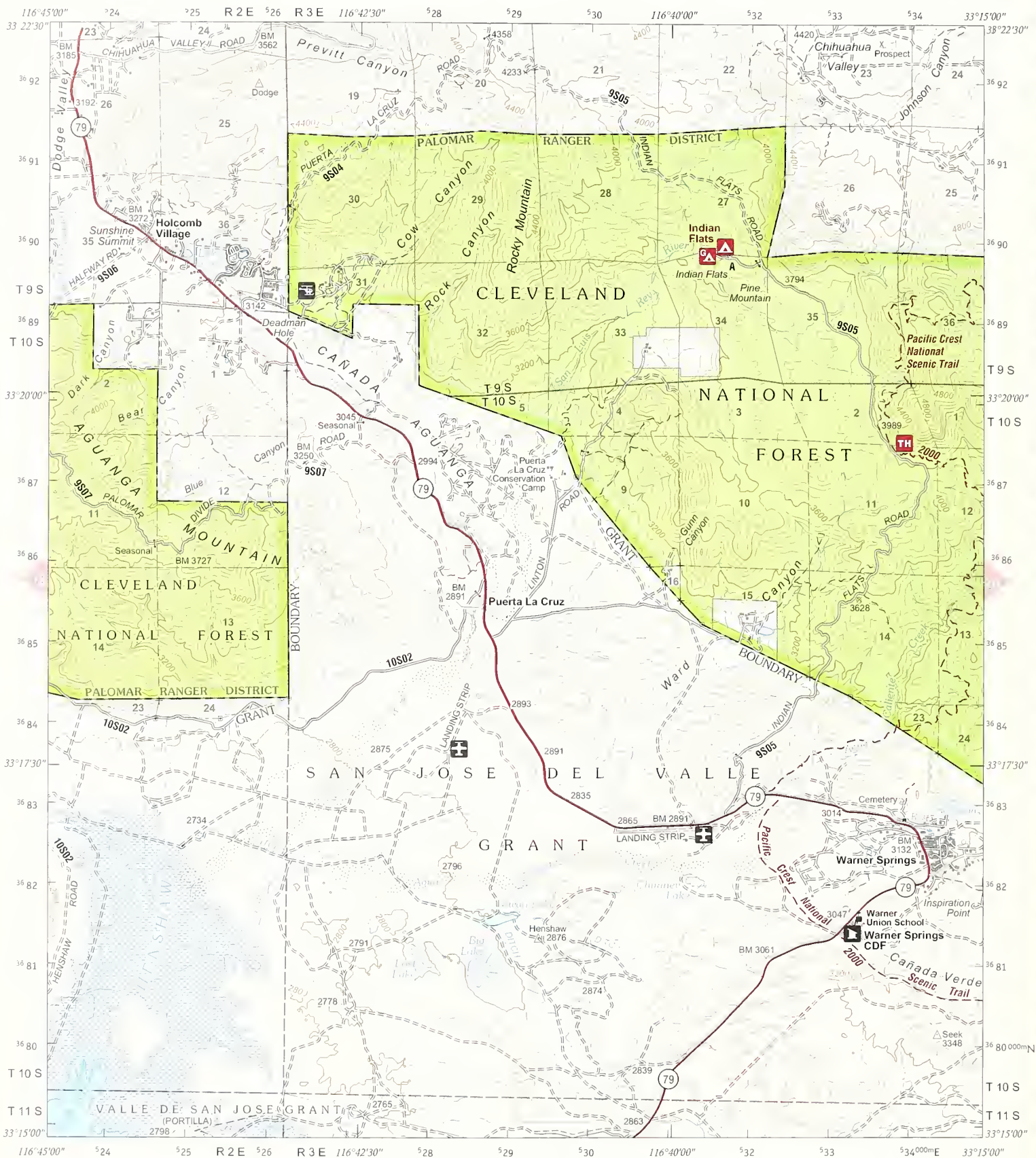


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).



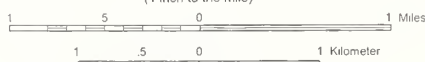




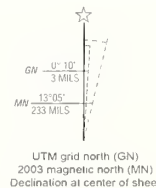


Aguanga	Beauy Mountain	Bucksnot Mountain
Palomar Observatory	Warner Springs	Hot Springs Mountain
Mesa Grande	Warners Ranch	Ranchita

Scale 1:63,360  
(1 inch to the mile)

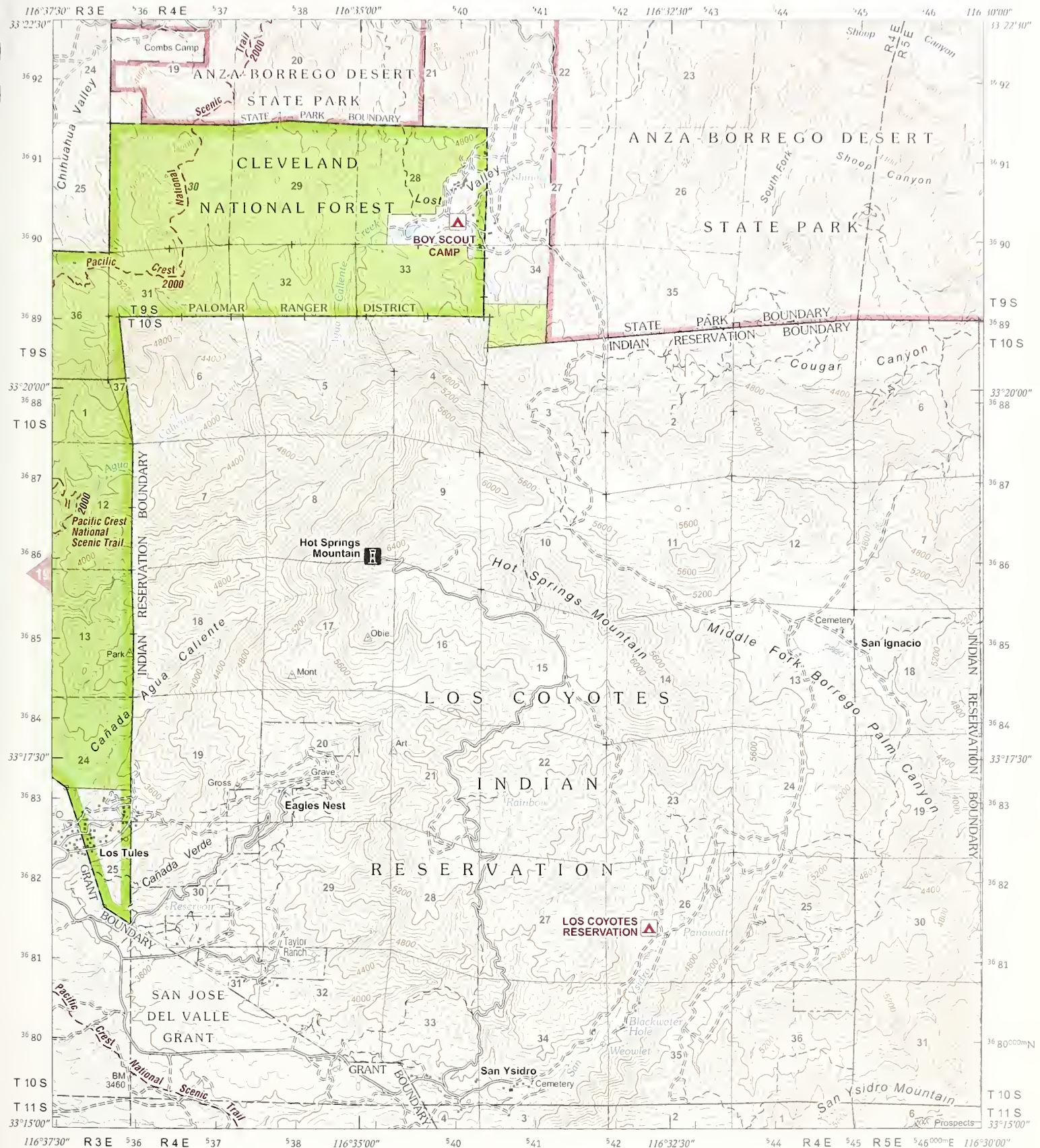


Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

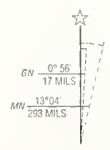




Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

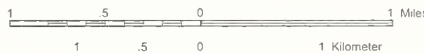
North American Datum of 1927 (NAD 27)

Projection: California State Plane, Zone 6 (Lambert Conformal Conic)



UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

Scale 1 : 63,360  
(1 inch to the mile)



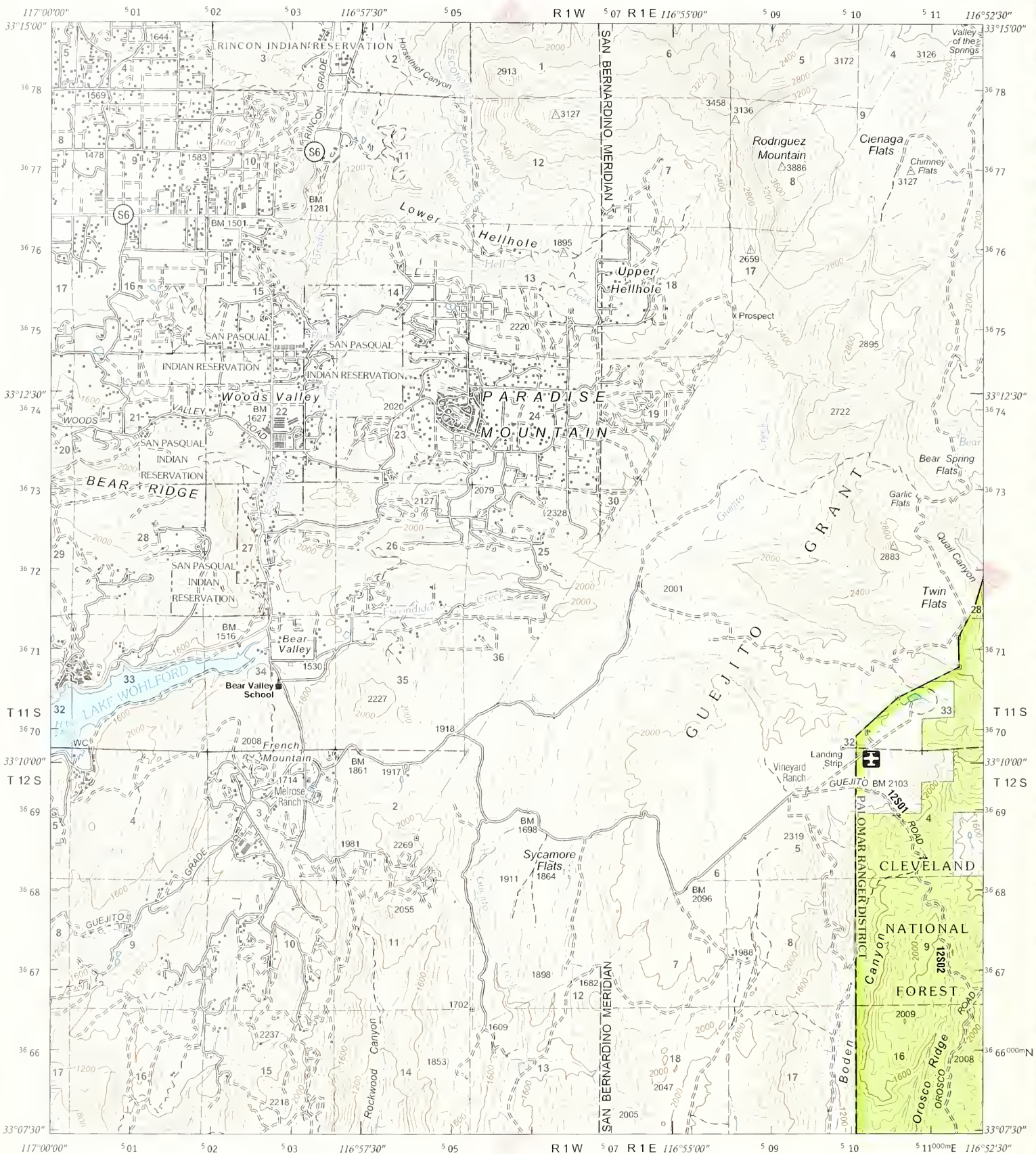
Contour Interval 80 Feet

Beauty Mountain	Bucksnot Mountain	Colins Valley
Warner Springs	Hot Springs Mountain	Borrego Palm Canyon
Warners Ranch	Ranchita	Tlbb Canyon



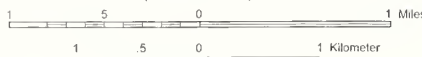
# RODRIGUEZ MOUNTAIN, CALIFORNIA

U.S. DEPARTMENT OF AGRICULTURE  
FOREST SERVICE

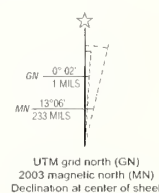


Pala	Boucher Hill	Palomar Observatory
Valley Center	Rodriguez Mountain	Mesa Grande
Escondido	San Pasqual	Ramona

Scale 1 : 63,360  
(1 inch to the mile)

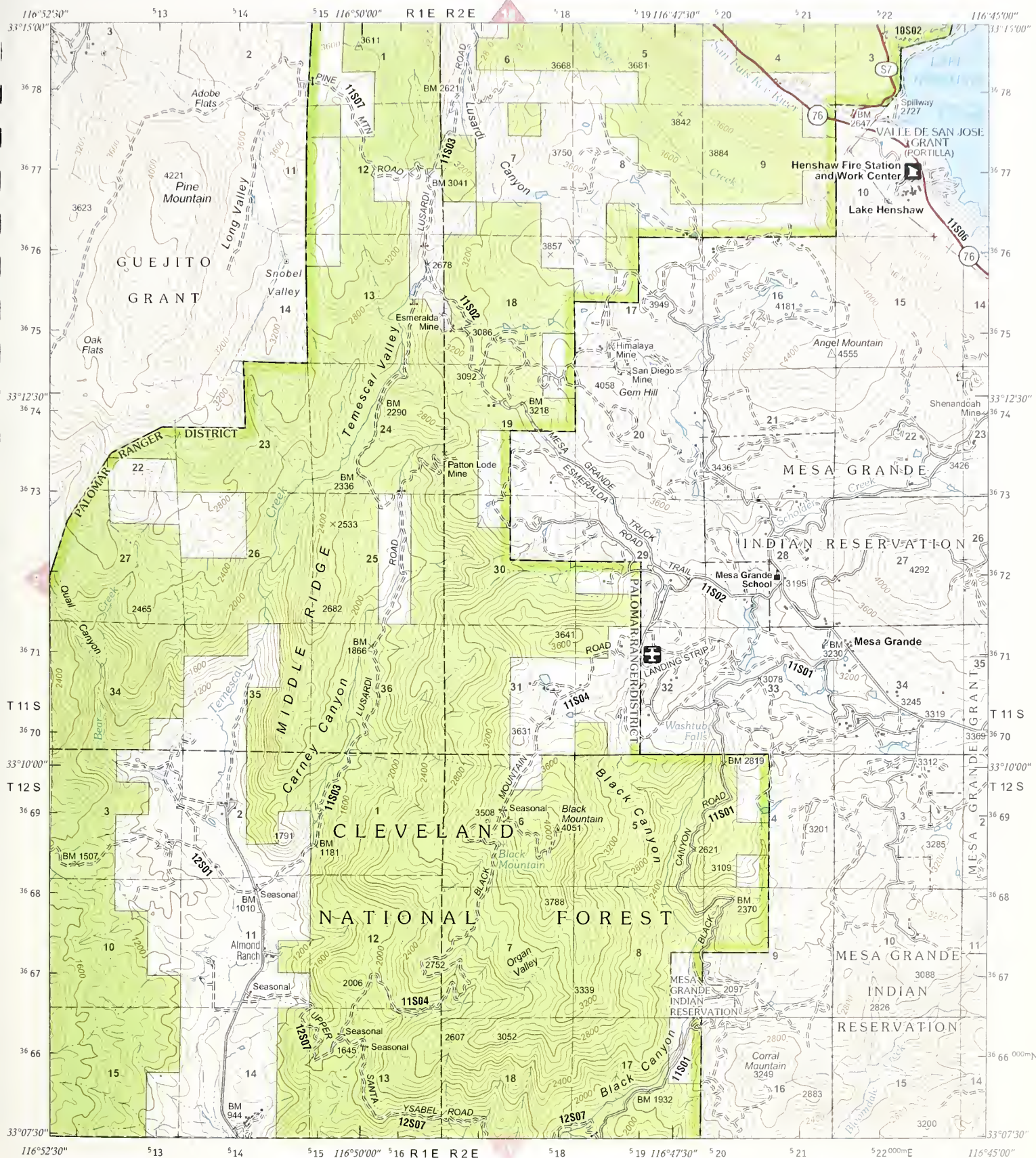


Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).





Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

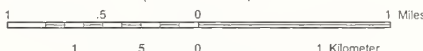
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).



UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

Scale 1 : 63,360

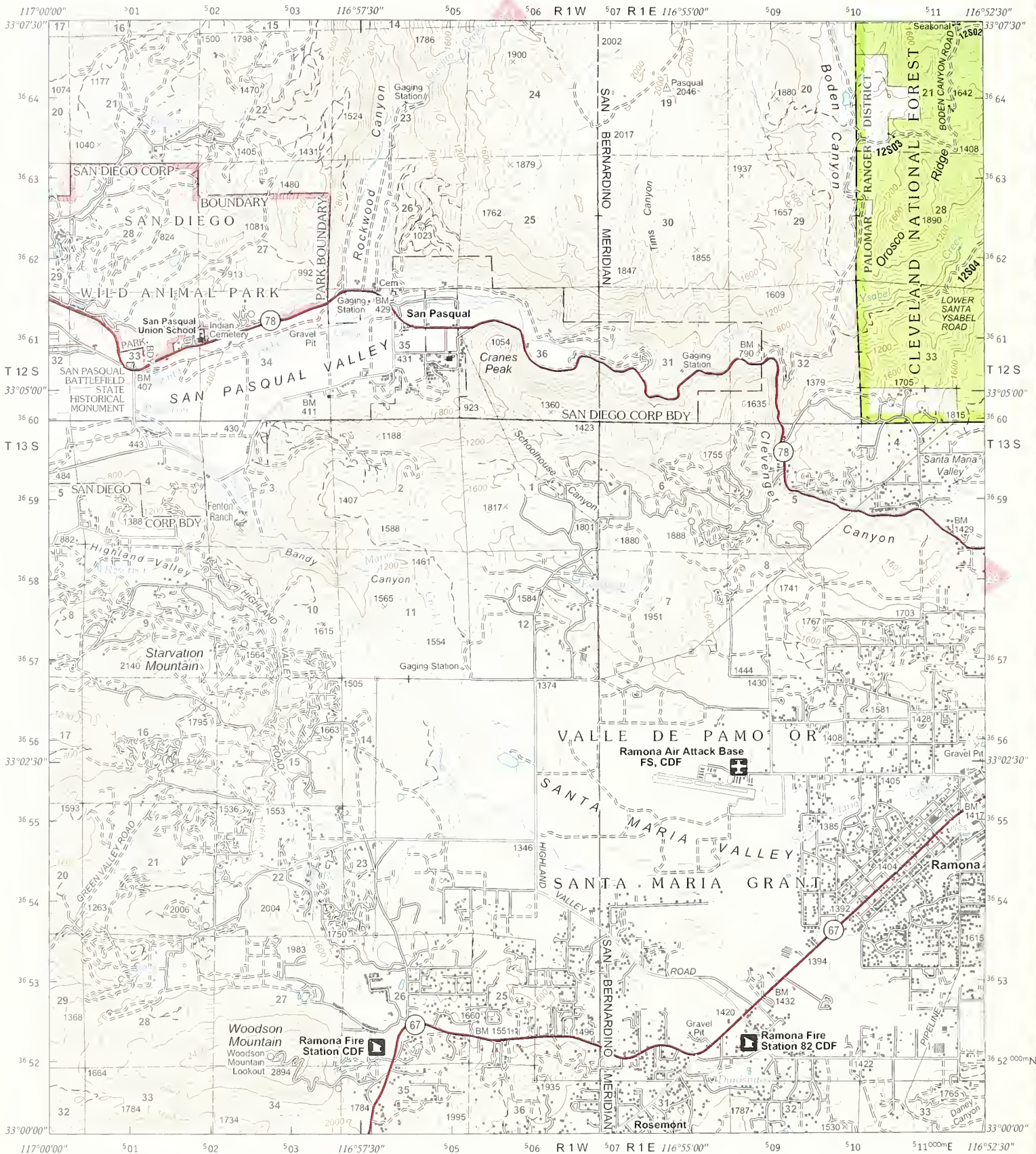
(1 inch to the mile)



Contour Interval 80 Feet

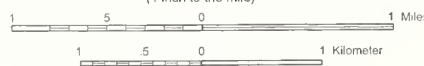
Boucher Hill	Palomar Observatory	Warner Springs
Rodriguez Mountain	Mesa Grande	Warner's Ranch
San Pasqual	Ramona	Santa Ysabel



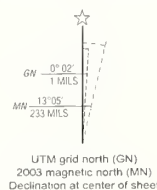


Valley Center	Rodriguez Mountain	Mesa Grande
Escondido	<b>San Pasqual</b>	Ramona
Poway	San Vicente Reservoir	El Cajon Mountain

Scale 1 : 63,360  
(1 inch to the mile)



Contour Interval 80 Feet

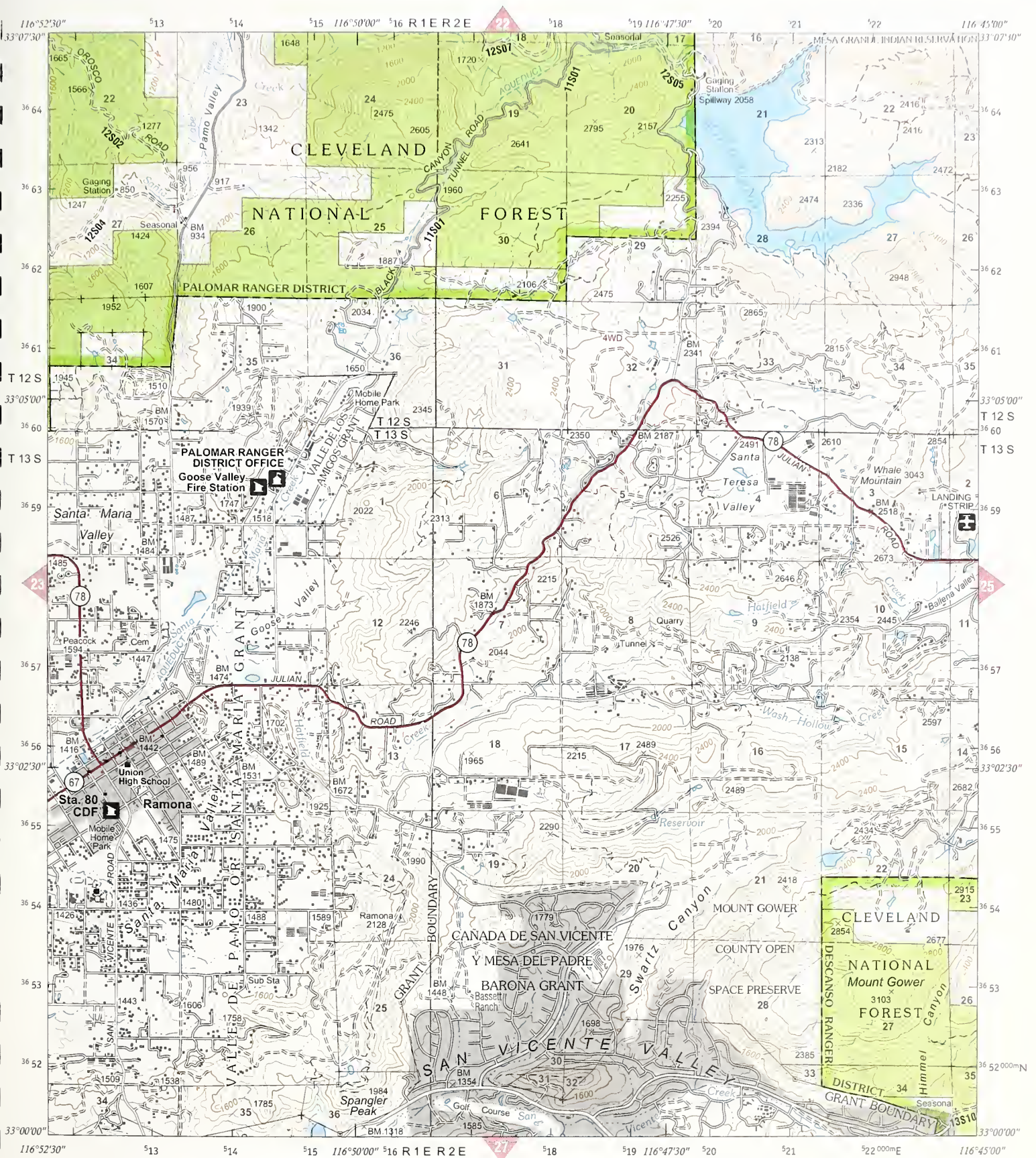


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

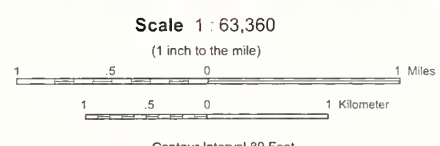
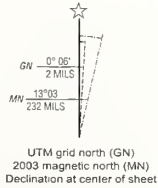




Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

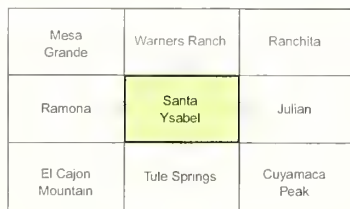
North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).



Rodriguez Mountain	Mesa Grande	Warners Ranch
San Pasqual	Ramona	Santa Ysabel
San Vicente Reservoir	El Cajon Mountain	Tule Springs



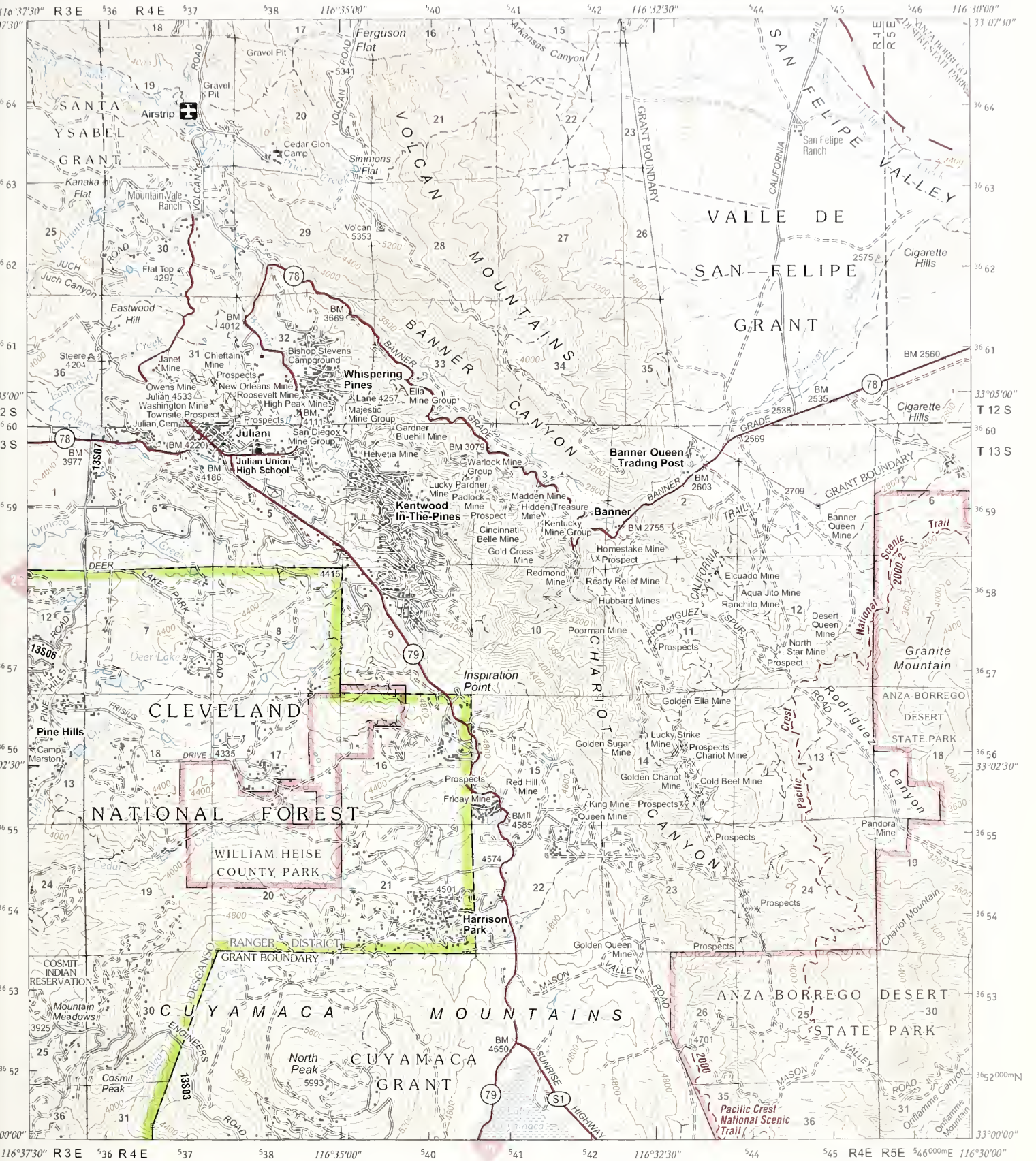


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).





Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

Scale 1:63,360  
(1 inch to the mile)

1 0.5 0 0.5 1 Miles

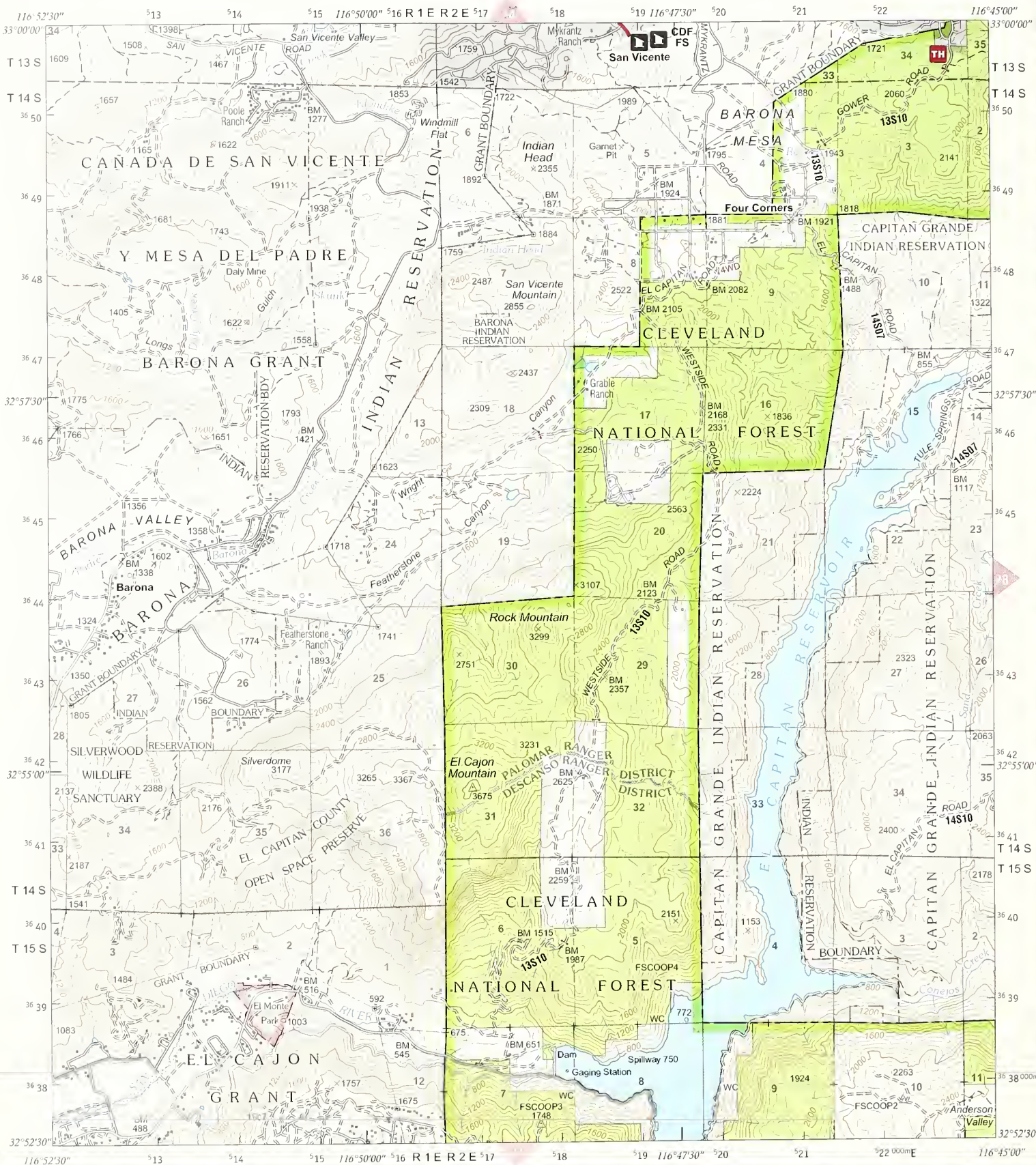
1 0.5 0 0.5 1 Kilometer

Contour Interval 80 Feet

UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

Warners Ranch	Ranchita	Tubb Canyon
Santa Ysabel	Julian	Earthquake Valley
Tule Springs	Cuyamaca Peak	Monument Peak

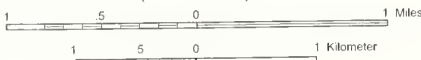




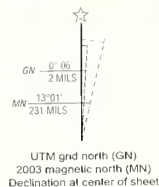
San Pasqual	Ramona	Santa Ysabel
San Vicente Reservoir	<b>El Cajon Mountain</b>	Tule Springs
El Cajon	Alpine	Viejas Mountain

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

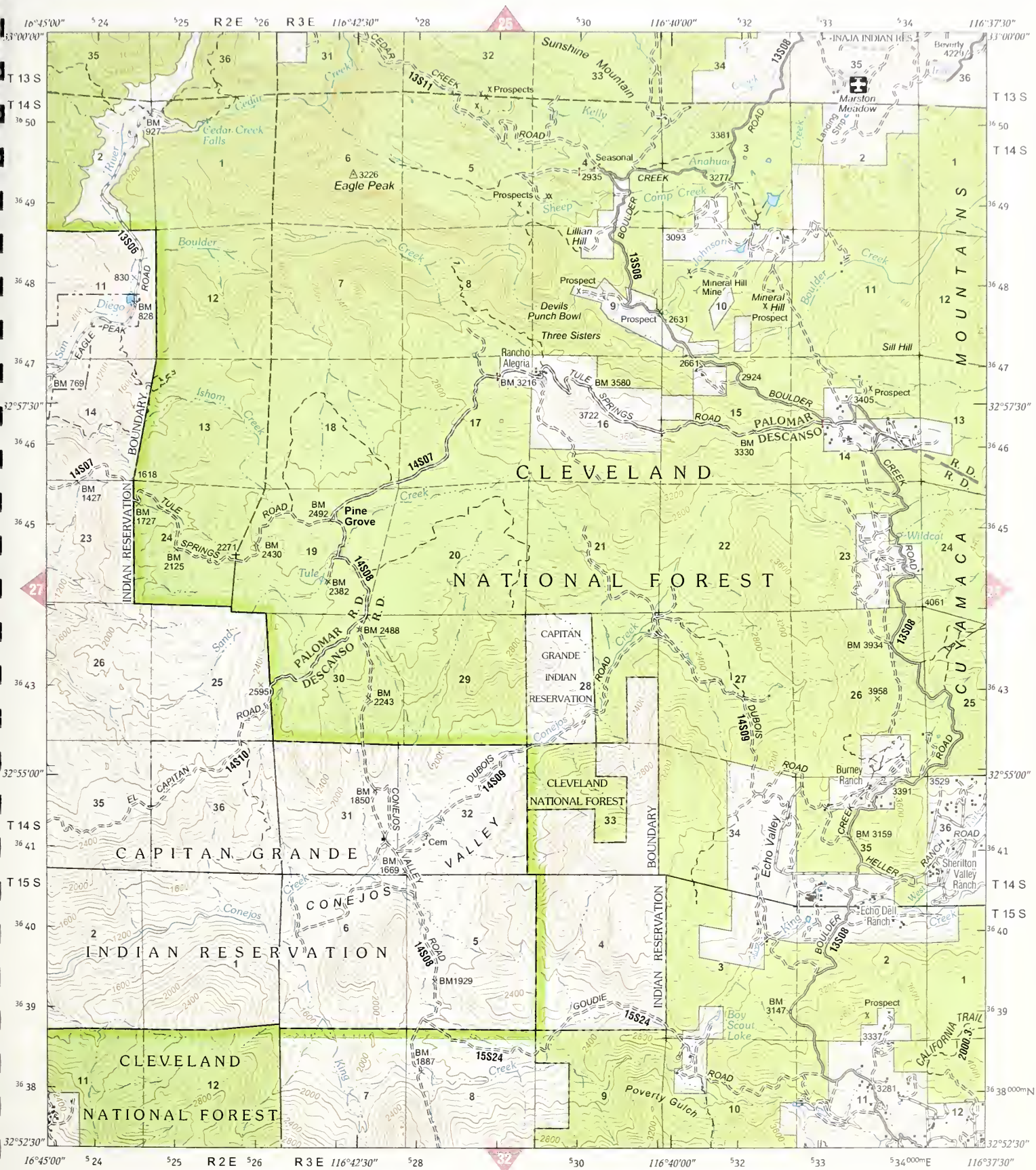


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).





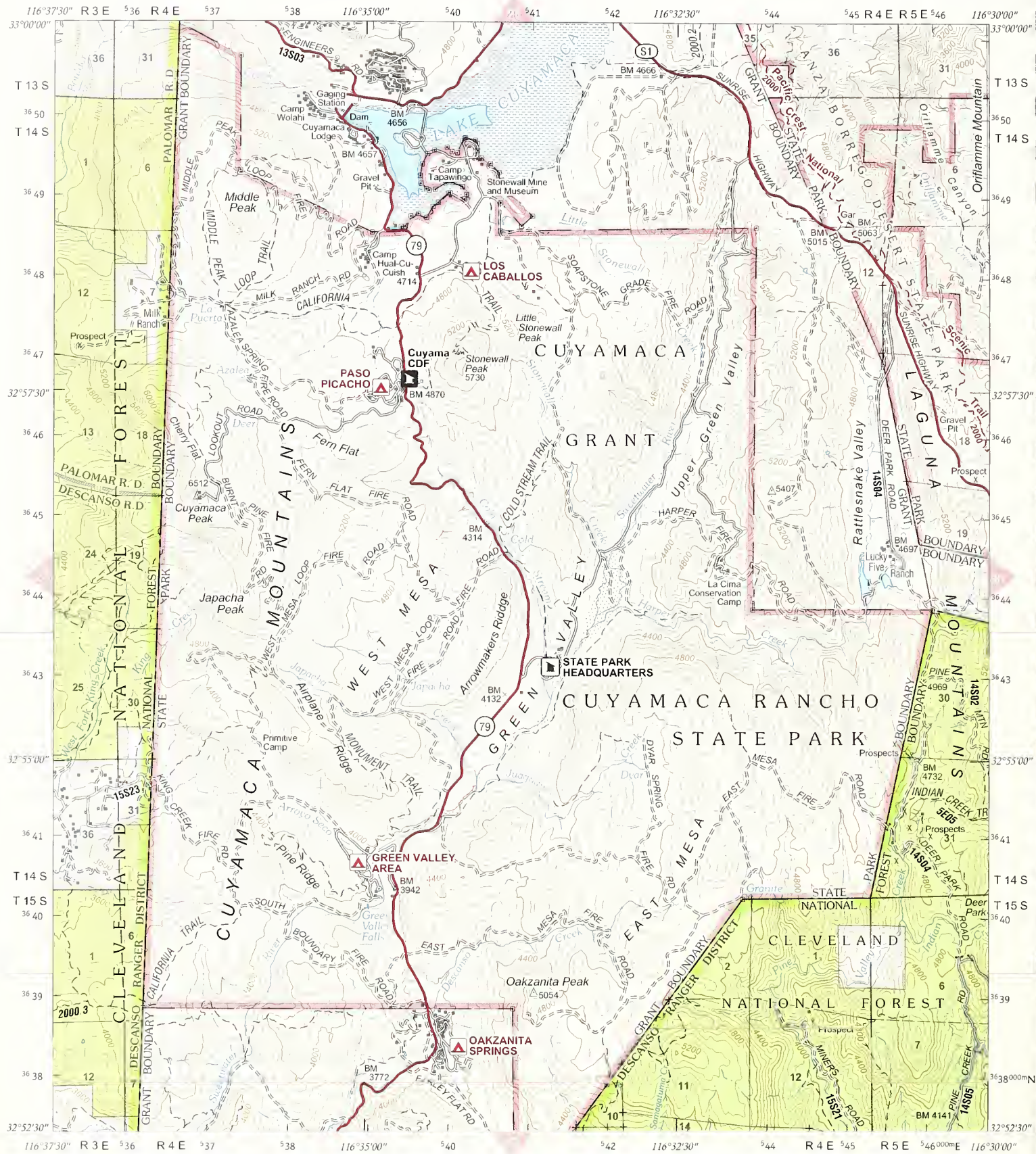
Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

GN 0° 10' 231 MILS  
MN 13° 231 MILS  
UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

Scale 1 : 63,360  
(1 inch to the mile)  
1 5 0 1 Miles  
1 5 0 1 Kilometer  
Contour Interval 80 Feet

Ramona	Santa Ysabel	Julian
El Cajon Mountain	Tule Springs	Cuyamaca Peak
Alpine	Viejas Mountain	Descanso





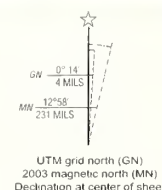
Santa Ysabel	Julian	Earthquake Valley
Tule Springs	Cuyamaca Peak	Monument Peak
Viejas Mountain	Descanso	Mount Laguna

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet

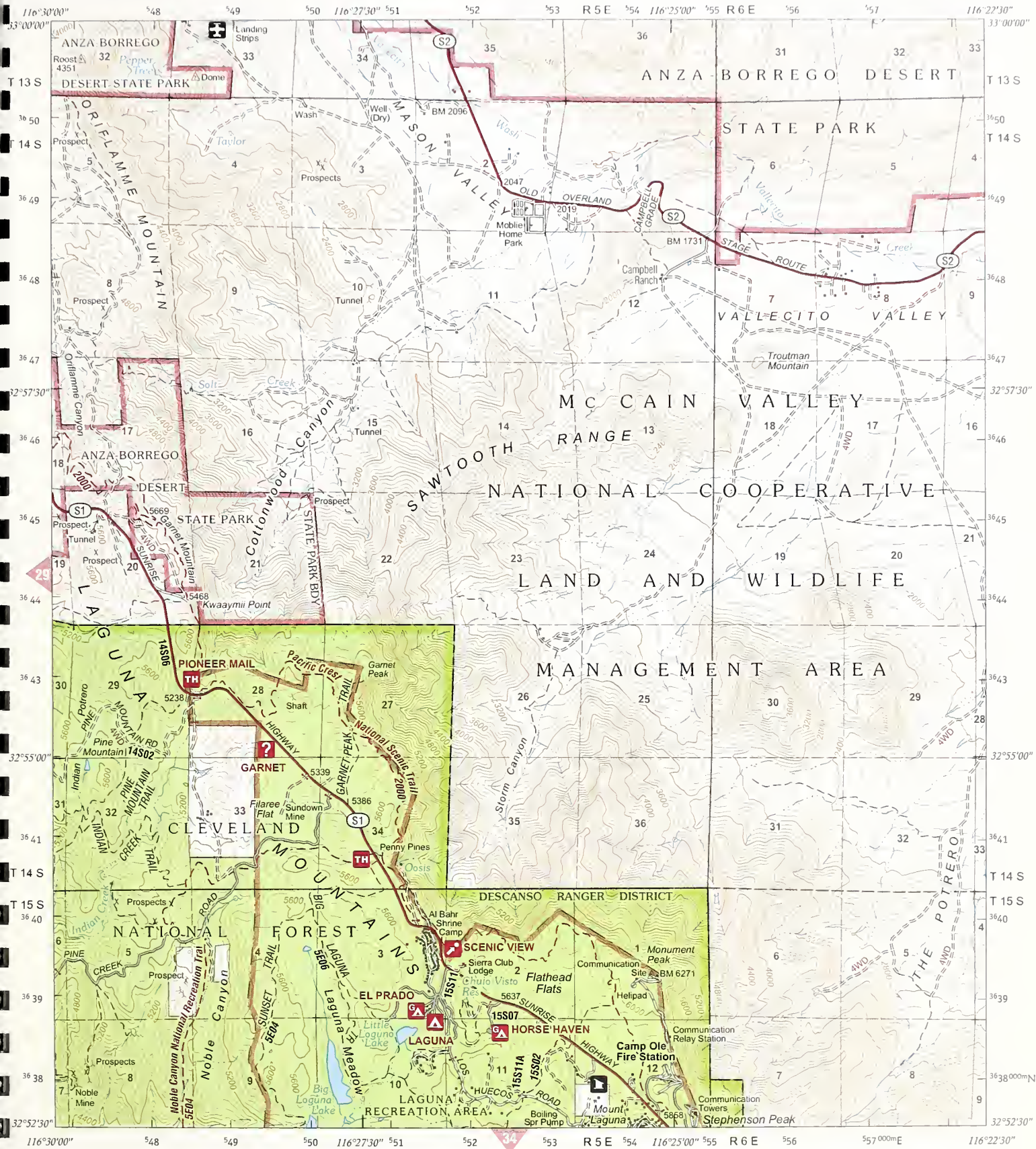


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

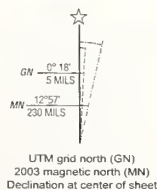




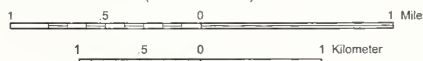
Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).



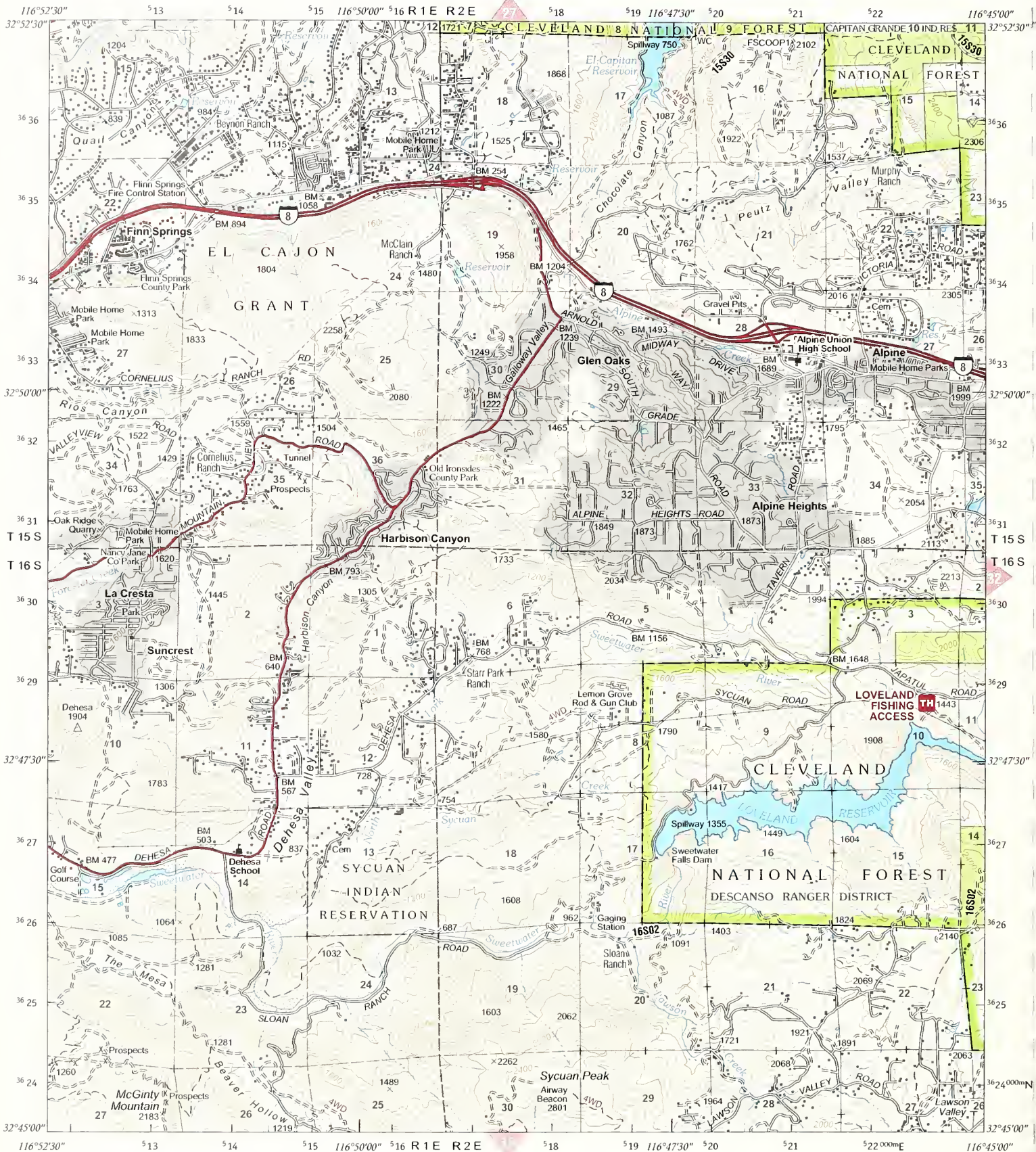
Scale 1 : 63,360  
(1 inch to the mile)



Contour Interval 80 Feet

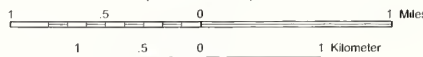
Julian	Earthquake Valley	Whale Peak
Cuyamaca Peak	Monument Peak	Agua Caliente Springs
Descanso	Mount Laguna	Sombrero Peak



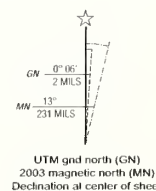


San Vicente Reservoir	El Cajon Mountain	Tule Springs
El Cajon	Alpine	Viejas Mountain
Jamul Mountains	Dulzura	Barrett Lake

Scale 1 : 63,360  
(1 inch to the mile)

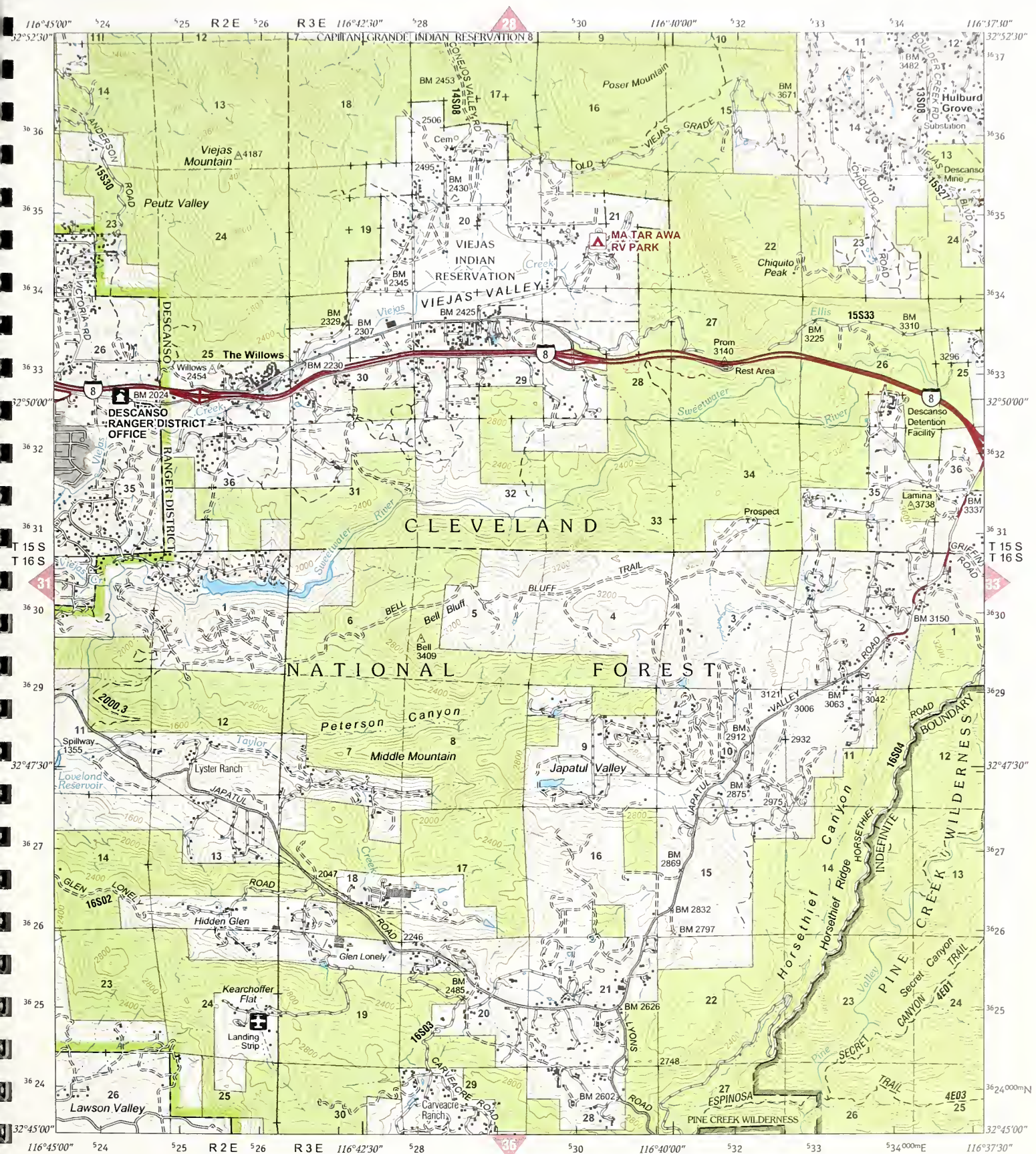


Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

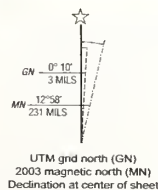




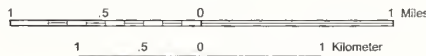
Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.

North American Datum of 1927 (NAD 27).

Projection: California State Plane, Zone 6 (Lambert Conformal Conic).



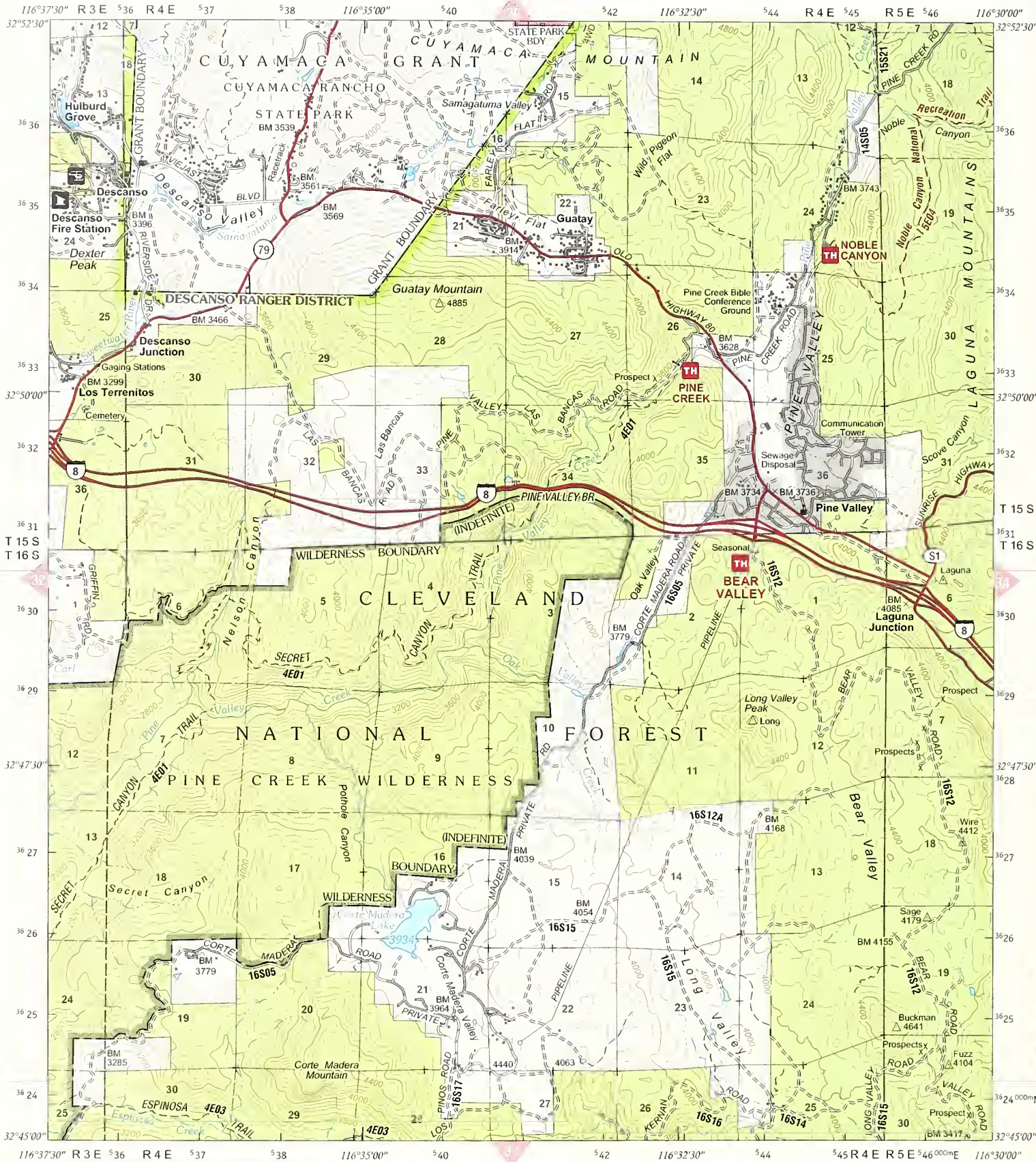
Scale 1 : 63,360  
(1 inch to the mile)



Contour Interval 80 Feet

El Cajon Mountain	Tule Springs	Cuyamaca Peak
Alpine	Viejas Mountain	Descanso
Dulzura	Barrett Lake	Morena Reservoir

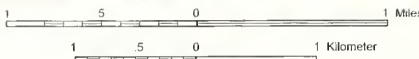




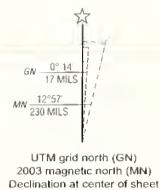
Tule Springs	Cuyamaca Peak	Monument Peak
Viejas Mountain	Descanso	Mount Laguna
Barrett Lake	Morena Reservoir	Cameron Corners

Scale 1 : 63,360

(1 inch to the mile)



Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).





Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

Scale 1 : 63,360

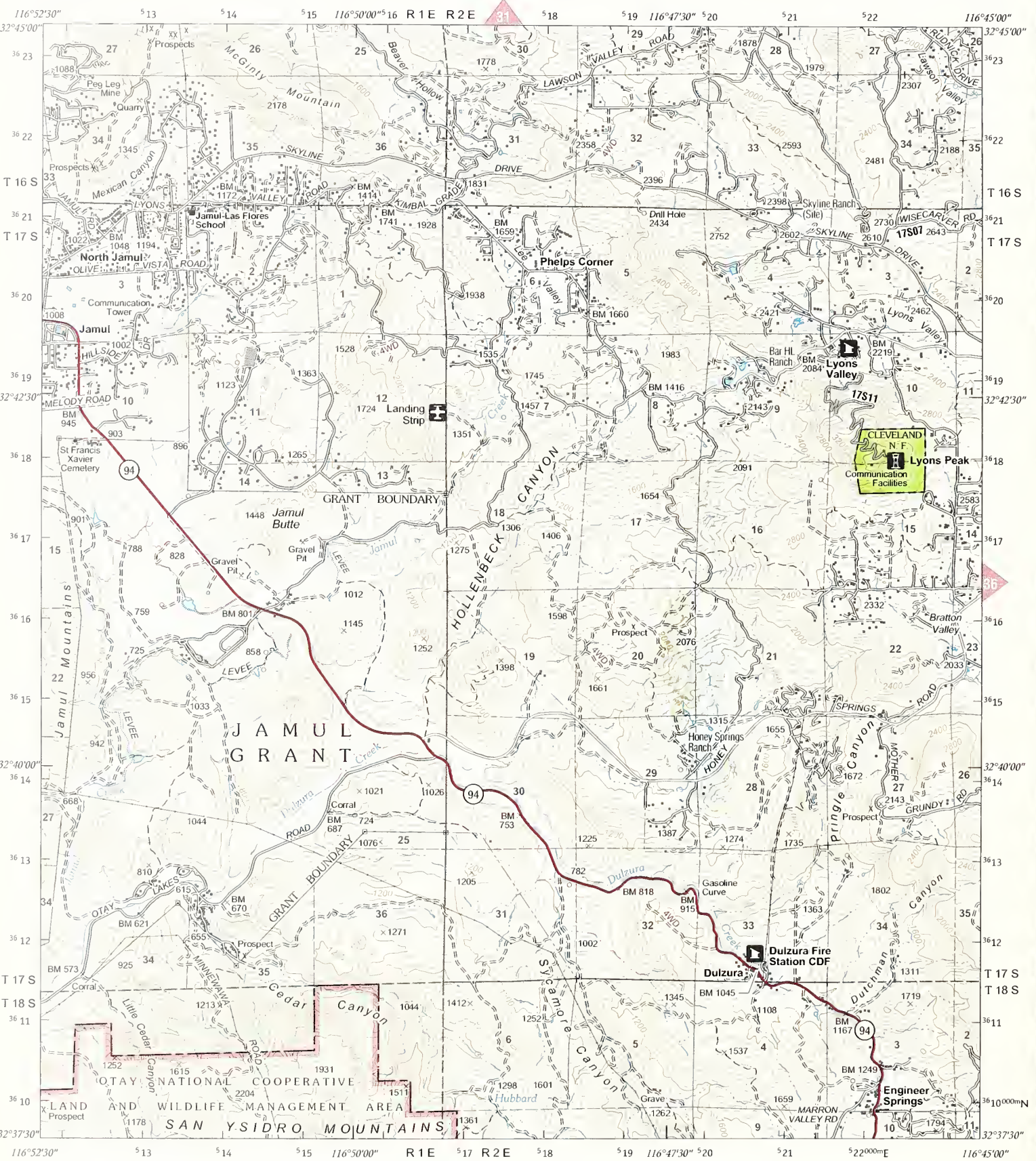
(1 inch to the mile)



Contour Interval 80 Feet

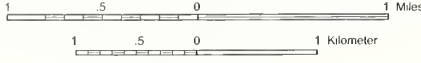
Cuyamapae Peak	Monument Peak	Agua Caliente Springs
Descanso	Mount Laguna	Sombrero Peak
Morena Reservoir	Cameron Corners	Live Oak Springs



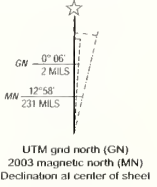


El Cajon	Alpine	Viejas Mountain
Jamul Mountains	Dulzura	Barrett Lake
Otay Mesa	Otay Mountain	Tecate

Scale 1:63,360  
(1 inch to the mile)

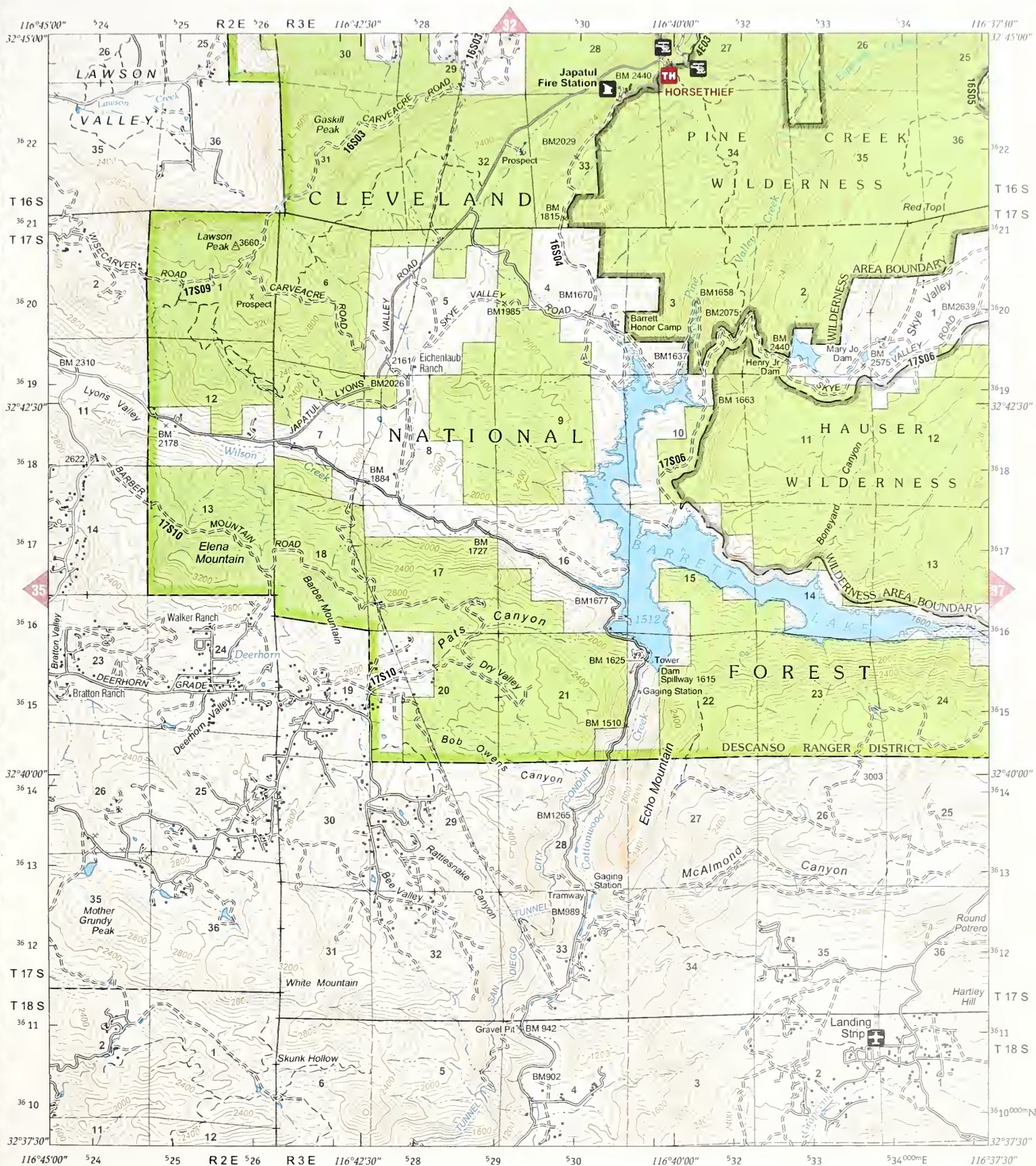


Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).



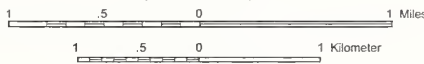


Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).

GN 0° 10' 3" N  
MN 12° 56' 23" N  
UTM grid north (GN)  
2003 magnetic north (MN)  
Declination at center of sheet

Scale 1 : 63,360

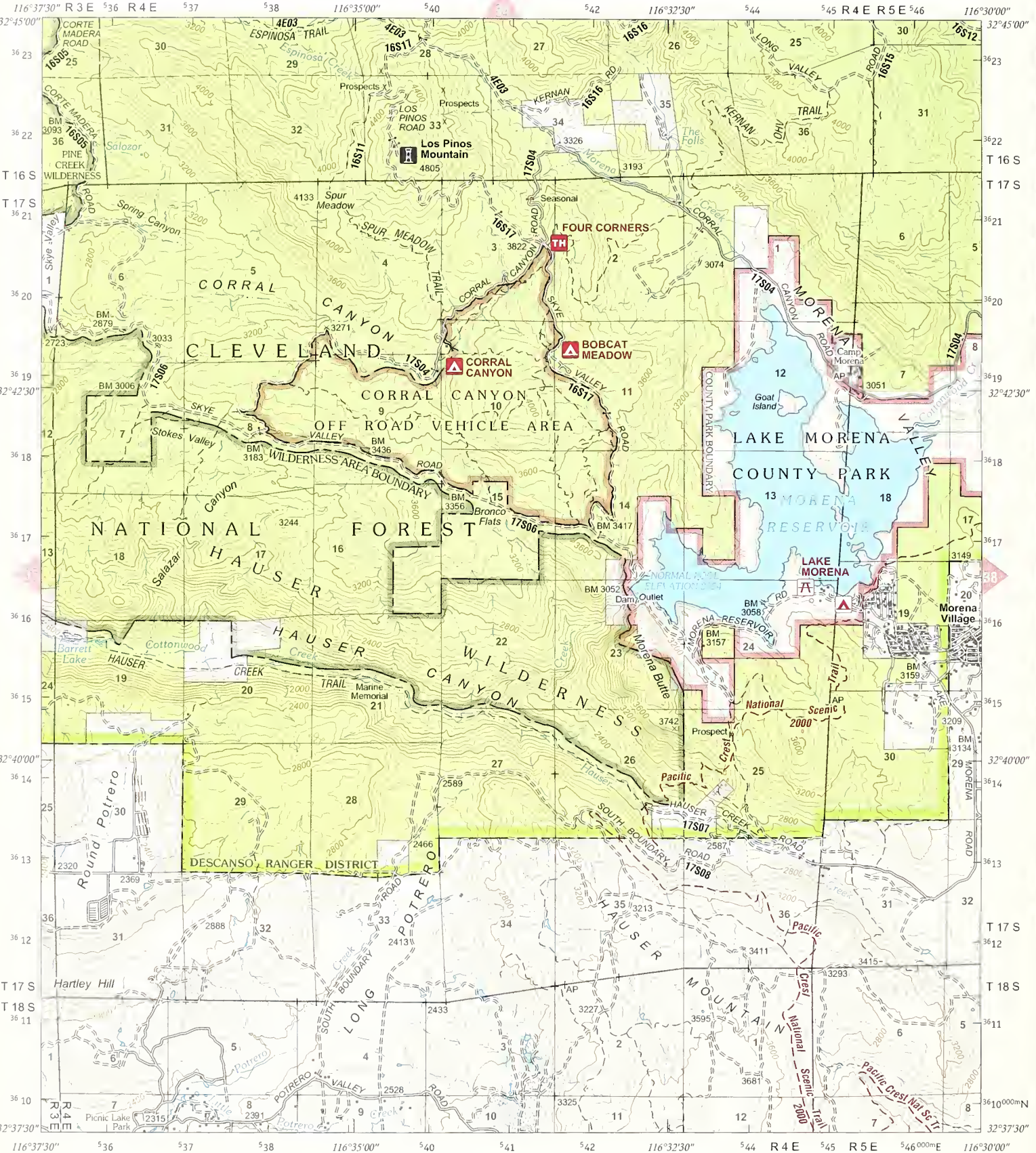
(1 inch to the mile)



Contour Interval 80 Feet

Alpine	Viejas Mountain	Descanso
Dulzura	Barrett Lake	Morena Reservoir
Otay Mountain	Tecate	Potrero



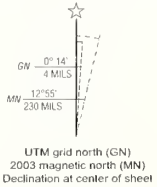


Viejas Mountain	Descanso	Mount Laguna
Barrett Lake	Morena Reservoir	Cameron Corners
Tecate	Potrero	Campo

Scale 1:63,360  
(1 inch to the mile)

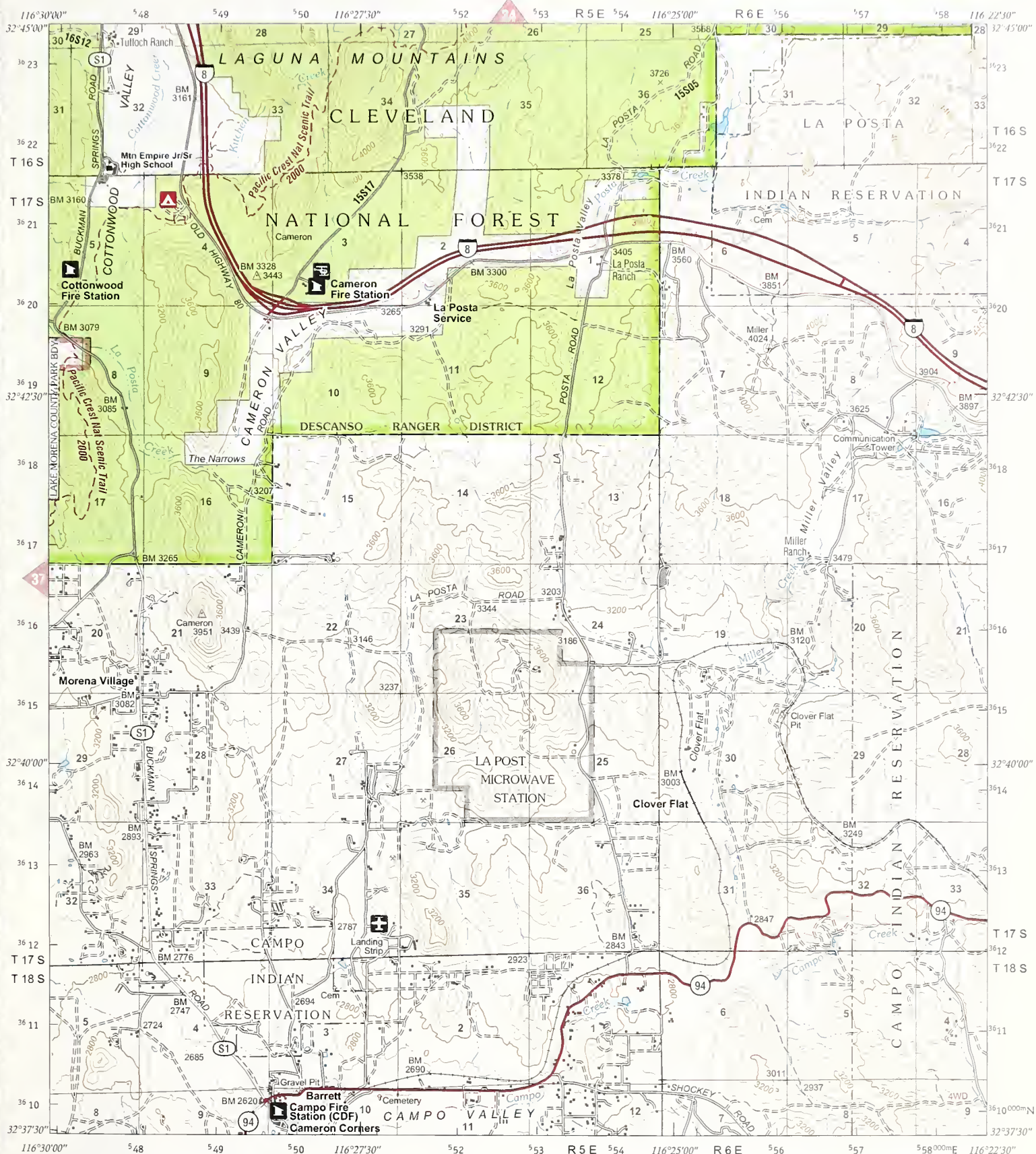


Contour Interval 80 Feet



Compiled from aerial photographs taken 1984. Revised from aerial photographs taken 1993. Partial field check by U.S.D.A. Forest Service 1995.  
North American Datum of 1927 (NAD 27).  
Projection: California State Plane, Zone 6 (Lambert Conformal Conic).





Compiled from aerial photographs  
taken 1984. Revised from aerial  
photographs taken 1993. Partial  
field check by U.S.D.A. Forest  
Service 1995.

North American Datum of 1927  
(NAD 27).

Projection: California State Plane,  
Zone 6 (Lambert Conformal Conic).



Scale 1 : 63,360  
(1 inch to the mile)



Contour Interval 80 Feet

Descanso	Mount Laguna	Sombrero Peak
Morena Reservoir	<b>Cameron Corners</b>	Live Oak Springs
Potrero	Campo	Tierra Del Sol



# Have a Safe Trip

## DEHYDRATION AND HEAT

High temperatures are common in the summer, but can occur throughout the year. Heat exhaustion and heat stroke can result from continued exposure to high temperatures and inadequate or unbalanced replacement of fluids. Adults require two quarts of water per day and four quarts or more for strenuous activity at high elevations. To maintain a high energy level and avoid dehydration:

- Drink 8 to 16 ounces of water before hiking.
- Drink frequently when on the trail.
- Drink as much water as possible during lunch and throughout the evening.
- Limit caffeine drinks such as coffee or cola.
- Avoid alcoholic drinks.
- Plan ahead for drinking water. Don't allow water to run out before resupplying.
- Take breaks in the shade.

Prevent sunburn by wearing lightweight, light colored, and loose fitting clothing that allows air to circulate and sweat to evaporate while offering protection from direct sun. Bare skin absorbs the sun's radiant heat and raises body temperature. Understand the signs and symptoms of heat disorders including heat cramps, heat exhaustion, and heat stroke.

## THINK BEFORE YOU DRINK

It may be tempting to drink water from a cold stream, but a microscopic organism called *Giardia lamblia* caused by human or animal feces may be present in the water and could cause an intestinal disorder called Giardiasis (gee-ar-dye-a-sis).



All surface water on the Cleveland should be considered unsafe to drink without treatment. Chemical disinfectants are available, or carry bottled water.

Always carry plenty of water.

## MOUNTAIN STORMS

Sudden storms are common in the summer, especially in the afternoon and evening. During thunderstorms, stay off ridges, and away from open meadows and isolated trees. If possible, find shelter among dense, small trees in low areas. If not possible, lie down on the ground.

## WILDERNESS TRAVEL

Know the locations of the Ranger Stations near your route of travel. Leave your itinerary with friends and tell them when you expect to return. Ask them to contact the closest Ranger District or Sheriff if you haven't returned by a given time. Be sure to contact them when you get back! Take a detailed map and compass with you and know how to use them. If you must travel alone, stick to frequently used trails in case you become sick or injured.

## POISON OAK & RATTLESNAKES

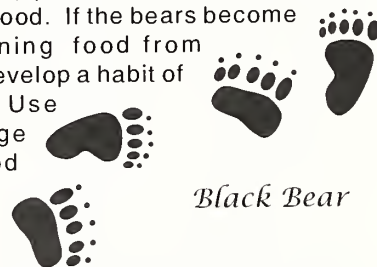


Poison oak grows to about 5,000 feet elevation. Learn to identify and avoid it. Poison oak has waxy-looking leaves that grow in lobes of three and change from green to red or maroon in fall. Rattlesnakes are found up to 9,000 feet and occasionally higher. Be alert and watch where you step.



## BEARS

California black bears travel and live at higher elevations and in greater numbers in the wilderness than in the past because of the availability of human food. Hungry bears will walk through camps and pick up packs and food bags, ripping them apart if they smell food. If the bears become accustomed to obtaining food from backpackers, they will develop a habit of approaching humans. Use bear-proof food storage containers or hang food from a tree.



*Black Bear*

## BUDDY UP

If you are hiking, backpacking, or exploring at any time of the year, take someone with you and make sure someone else knows your travel plans.

## LOST?

If you get lost, stay calm and don't panic. If you have a map or compass, try to orient yourself. Look for peaks or landmarks and backtrack if necessary. If you cannot find the trail, stay where you are until someone finds you.

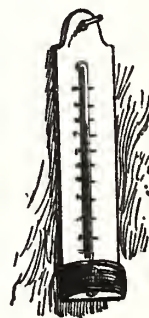


## HYPOTHERMIA

Hypothermia occurs when inner body temperatures are lowered due to exposure to cold. It is the leading cause of death to outdoor visitors. The signs and symptoms of hypothermia are progressive and the onset is rapid. Watch for early signs in your group. Victims are usually unaware that they are becoming hypothermic.

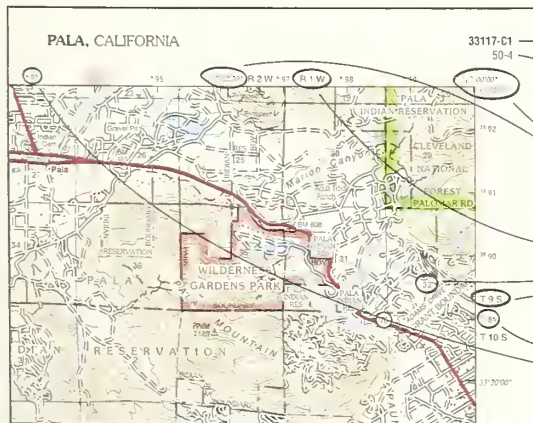
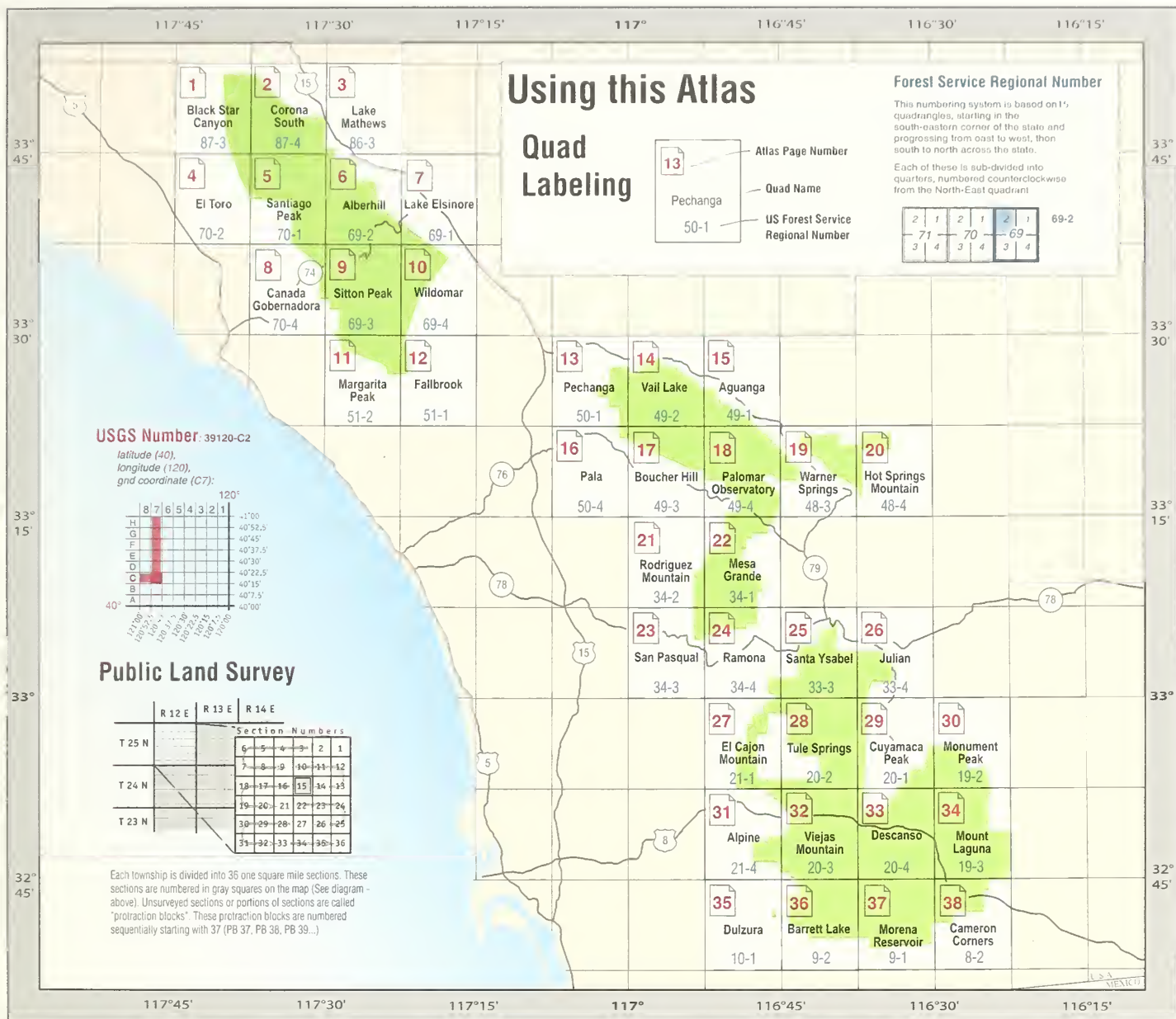
Early symptoms include shivering and unreasonable behavior. As the person gets colder they will have reduced muscle coordination, be incoherent, have slurred or slow speech, memory lapses, fumbling hands, stumbling, drowsiness, and exhaustion. Later stages include stupor, coma and death.

Even mild hypothermia requires treatment. Get the victim out of the wind and rain and remove any wet clothing. Move to a heat source: a fire or inside a dry sleeping bag, skin to skin with another person. Give the victim hot drinks like herbal tea, soup or sugar water. Do not give the victim anything containing alcohol or caffeine.



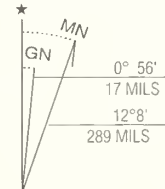


# Cleveland National Forest



## North, Grid North & Magnetic North

UTM grid north (GN)  
2012 magnetic north (MN)  
Declination at center of sheet



Local declination from north is shown at the bottom of each map. For more information on magnetic declination see: [www.ngdc.noaa.gov](http://www.ngdc.noaa.gov) and click on geomagnetism.

MILS: US Military Mils, 6400mils in a full circle

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USDA Forest Service



# CLEVELAND NATIONAL FOREST ATLAS

**To report an emergency, dial 911**

**To report a Forest Fire, dial Forest Dispatcher: (619) 557-5262 (24 hrs)**

## **Cleveland National Forest Contacts Forest Supervisor's Office**

10845 Rancho Bernardo Road  
Suite 200  
San Diego, CA 92127-2107

ph: (858) 673-6180  
fax: (858) 673-6192  
TTY: 711

## **Descanso Ranger District**

3348 Alpine Boulevard  
Alpine, CA 91901

ph: (619) 445-6235  
fax: (619) 445-1753

## **Palomar Ranger District**

1634 Black Canyon Road  
Ramona, CA 92065

ph: (760) 788-0250  
fax: (760) 788-6130

## **Trabuco Ranger District**

1147 East Sixth Street  
Corona, CA 92879

ph: (951) 736-1811  
fax: (951) 736-3002

## **Other Information Numbers to Help Plan Your Trip**

National Recreation Reservation System:  
(877) 444-6777  
(518) 885-3639 (International)

Customer Service Line  
(888) 448-1474

[www.recreation.gov](http://www.recreation.gov)

National Weather Service  
[www.wrh.noaa.gov](http://www.wrh.noaa.gov)

Caltrans Highway Conditions  
(800) 427-7623  
[www.deploy.551.org](http://www.deploy.551.org)

## **Cleveland National Forest Website**

[www.fs.fed.us/r5/cleveland](http://www.fs.fed.us/r5/cleveland)

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